

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033692.D
 Acq On : 9 Apr 2018 23:32
 Operator : SJ/JU
 Sample : PB108036BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 06:00:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42815	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	175622	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	126259	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	323002	20.00	ng	0.00
75) Chrysene-d12	22.55	240	326585	20.00	ng	0.00
86) Perylene-d12	26.31	264	348828	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	257461	112.76	ng	0.00
7) Phenol-d6	7.97	99	380189	96.91	ng	0.00
23) Nitrobenzene-d5	10.06	82	362826	94.92	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	164319	87.02	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	816802	93.39	ng	0.00
78) Terphenyl-d14	20.73	244	1356052	88.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	42846	36.950	ng	88
3) Pyridine	4.38	79	123009	38.375	ng	97
4) n-Nitrosodimethylamine	4.29	42	65256	49.608	ng	# 85
6) Aniline	8.15	93	88316	19.142	ng	# 95
8) 2-Chlorophenol	8.40	128	122160	46.799	ng	96
9) Benzaldehyde	7.96	77	35009	14.042	ng	89
10) Phenol	8.00	94	176716	45.623	ng	96
11) bis(2-Chloroethyl)ether	8.24	93	124815	39.478	ng	96
12) 1,3-Dichlorobenzene	8.89	146	127979	37.501	ng	98
13) 1,4-Dichlorobenzene	8.89	146	127979	37.445	ng	98
14) 1,2-Dichlorobenzene	9.22	146	129923	38.949	ng	97
15) Benzyl Alcohol	9.09	79	130296	42.182	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	213685	41.459	ng	89
17) 2-Methylphenol	9.29	107	107487	40.735	ng	# 90
18) Hexachloroethane	9.97	117	51907	39.350	ng	95
19) n-Nitroso-di-n-propylamine	9.66	70	110885	38.572	ng	94
20) 3+4-Methylphenols	9.63	107	152066	40.476	ng	95
22) Acetophenone	9.70	105	193849	40.289	ng	# 97
24) Nitrobenzene	10.10	77	162294	39.666	ng	94
25) Isophorone	10.61	82	311880	42.038	ng	99
26) 2-Nitrophenol	10.83	139	69017	44.555	ng	# 88
27) 2,4-Dimethylphenol	10.86	122	115222	51.204	ng	93
28) bis(2-Chloroethoxy)methane	11.10	93	165044	44.587	ng	96
29) 2,4-Dichlorophenol	11.37	162	127573	46.099	ng	99
30) 1,2,4-Trichlorobenzene	11.59	180	134201	37.325	ng	96
31) Naphthalene	11.79	128	366595	40.282	ng	99
32) Benzoic acid	11.00	122	69956	33.442	ng	90
33) 4-Chloroaniline	11.89	127	65100	15.966	ng	97
34) Hexachlorobutadiene	12.05	225	97464	35.846	ng	97
35) Caprolactam	12.64	113	47090	43.435	ng	92
36) 4-Chloro-3-methylphenol	12.96	107	159802	44.274	ng	93
37) 2-Methylnaphthalene	13.34	142	272841	38.626	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	175210	38.310	ng	99
40) Hexachlorocyclopentadiene	13.66	237	201714	75.237	ng	92

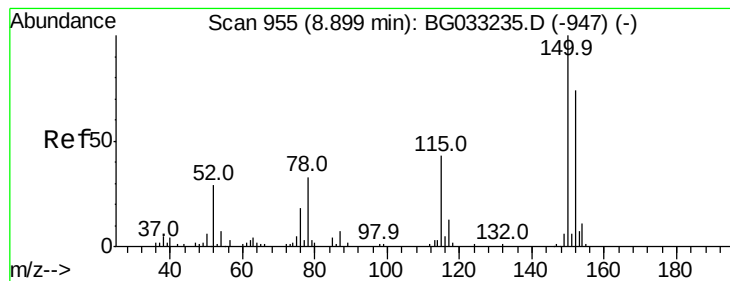
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
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 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	114637	43.142	ng	95
43) 2,4,5-Trichlorophenol	14.00	196	126226	40.189	ng	97
45) 1,1'-Biphenyl	14.32	154	389391	40.143	ng	96
46) 2-Chloronaphthalene	14.37	162	297551	39.783	ng	94
47) 2-Nitroaniline	14.56	65	129046	46.064	ng	90
48) Acenaphthylene	15.21	152	493104	39.497	ng	99
49) Dimethylphthalate	14.90	163	437065	39.777	ng	99
50) 2,6-Dinitrotoluene	15.03	165	95704	42.597	ng	95
51) Acenaphthene	15.54	154	351513	43.677	ng	96
52) 3-Nitroaniline	15.38	138	53387	22.665	ng	# 95
53) 2,4-Dinitrophenol	15.57	184	78490	68.659	ng	# 74
54) Dibenzofuran	15.87	168	490246	41.239	ng	# 90
55) 4-Nitrophenol	15.66	139	152998	92.373	ng	85
56) 2,4-Dinitrotoluene	15.81	165	138077	41.739	ng	# 95
57) Fluorene	16.51	166	413909	40.869	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	127238	43.033	ng	98
59) Diethylphthalate	16.24	149	439120	41.156	ng	99
60) 4-Chlorophenyl-phenylether	16.48	204	227200	39.026	ng	99
61) 4-Nitroaniline	16.53	138	94324	39.544	ng	86
62) Azobenzene	16.78	77	444241	42.982	ng	98
64) 4,6-Dinitro-2-methylphenol	16.57	198	73777	38.181	ng	95
65) n-Nitrosodiphenylamine	16.70	169	378316	41.027	ng	94
66) 4-Bromophenyl-phenylether	17.38	248	148999	39.279	ng	# 92
67) Hexachlorobenzene	17.51	284	155739	38.902	ng	98
68) Atrazine	17.62	200	162649	43.528	ng	98
69) Pentachlorophenol	17.85	266	183239	66.687	ng	99
70) Phenanthrene	18.25	178	697683	41.475	ng	99
71) Anthracene	18.34	178	722465	42.416	ng	98
72) Carbazole	18.60	167	645813	42.788	ng	# 96
73) Di-n-butylphthalate	19.09	149	783285	44.586	ng	# 99
74) Fluoranthene	20.20	202	884291	42.479	ng	97
76) Benzidine	20.36	184	236779	26.735	ng	99
77) Pyrene	20.56	202	882675	40.524	ng	99
79) Butylbenzylphthalate	21.41	149	355909	44.279	ng	98
80) Benzo(a)anthracene	22.53	228	860374	41.373	ng	99
81) 3,3'-Dichlorobenzidine	22.41	252	173941	23.505	ng	98
82) Chrysene	22.61	228	813853	40.430	ng	98
83) Bis(2-ethylhexyl)phthalate	22.35	149	491849	44.390	ng	98
84) Di-n-octyl phthalate	23.74	149	845852	49.859	ng	100
85) Indeno(1,2,3-cd)pyrene	30.68	276	962648	44.230	ng	# 65
87) Benzo(b)fluoranthene	25.10	252	835820	41.473	ng	# 96
88) Benzo(k)fluoranthene	25.10	252	835820	41.006	ng	98
89) Benzo(a)pyrene	26.14	252	831098	42.942	ng	# 97
90) Dibenzo(a,h)anthracene	30.75	278	808368	44.341	ng	96
91) Benzo(g,h,i)perylene	32.05	276	810666	44.906	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampled :

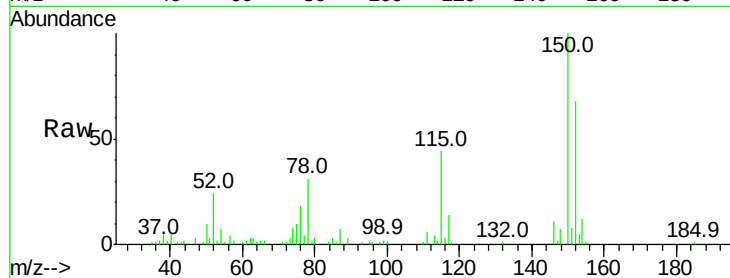
Tot Ion:152 Resp: 42815

Ion Ratio Lower Upper

152 100

150 148.1 126.6 189.8

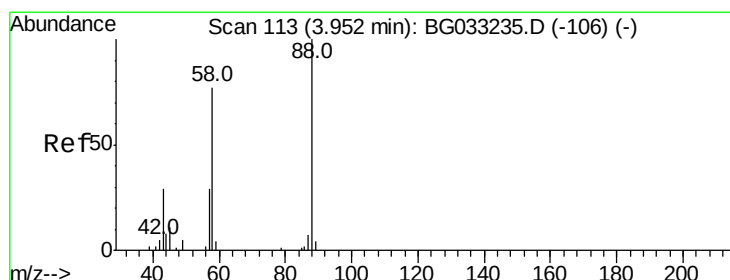
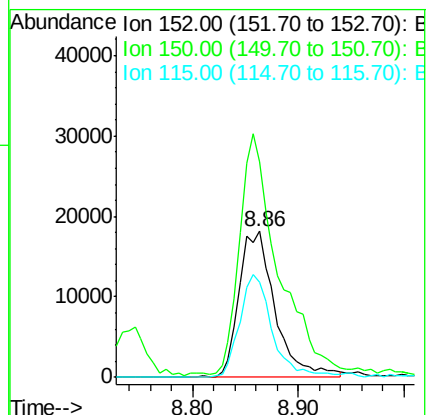
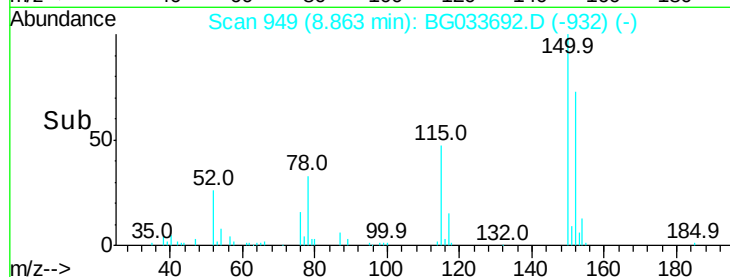
115 65.4 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.950 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

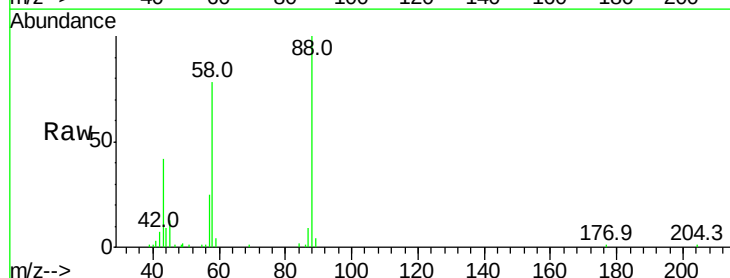
Tgt Ion: 88 Resp: 42846

Ion Ratio Lower Upper

88 100

58 85.1 79.6 119.4

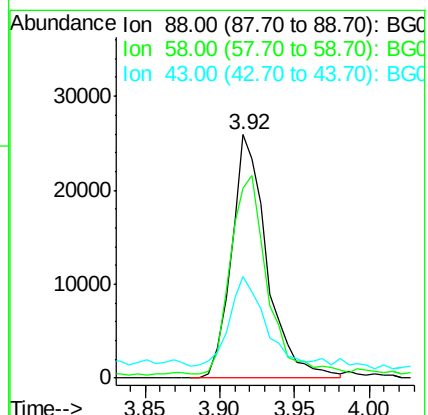
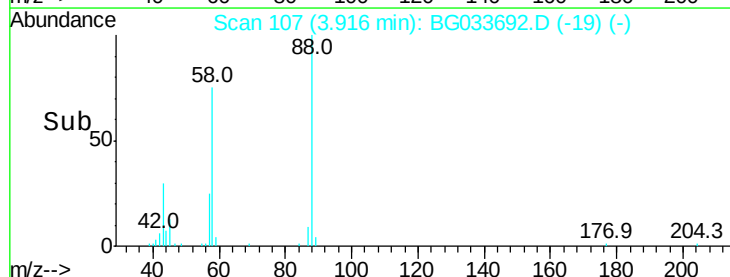
43 37.3 27.4 41.0

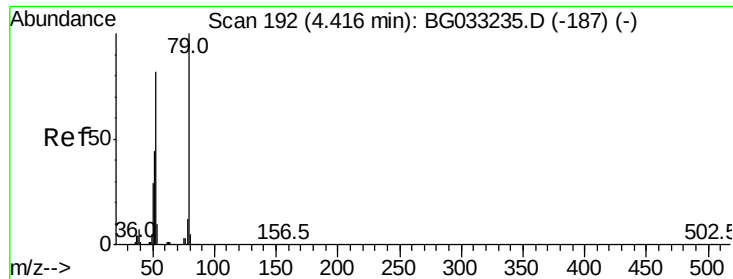


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.375 ng

RT: 4.38 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

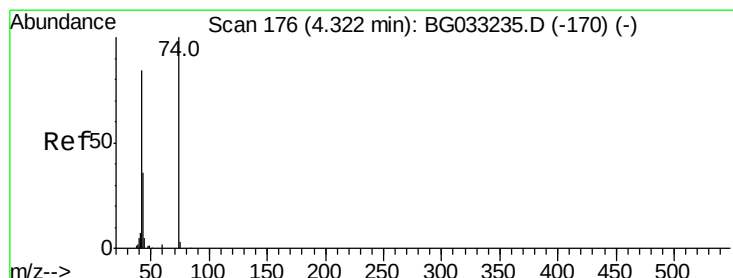
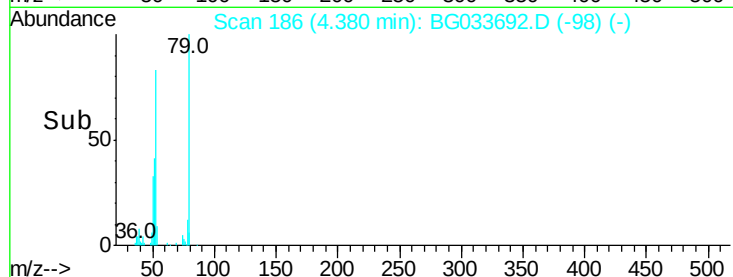
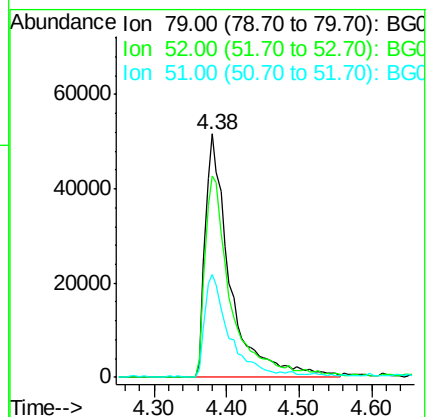
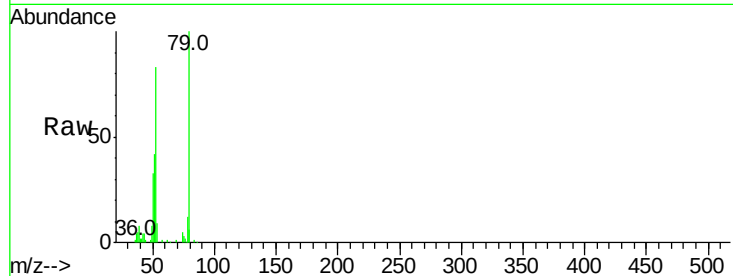
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 123009

Ion	Ratio	Lower	Upper
79	100		
52	82.9	69.9	104.9
51	42.1	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 49.608 ng

RT: 4.29 min Scan# 171

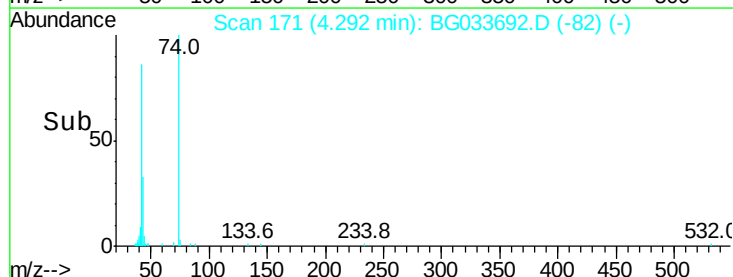
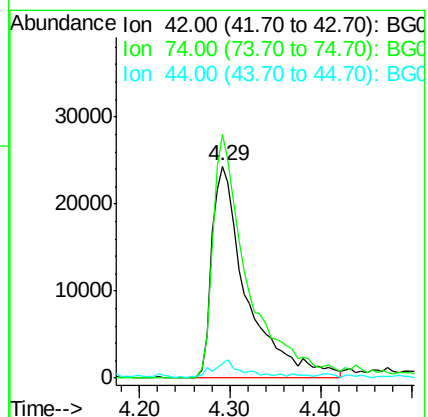
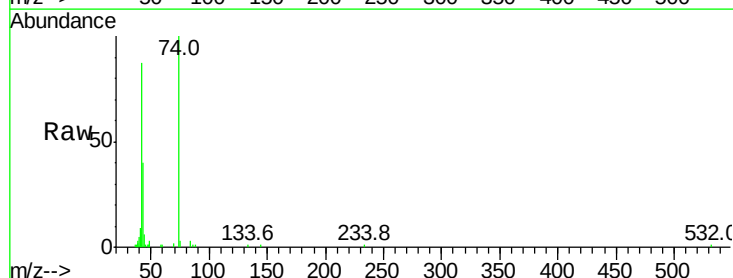
Delta R.T. -0.01 min

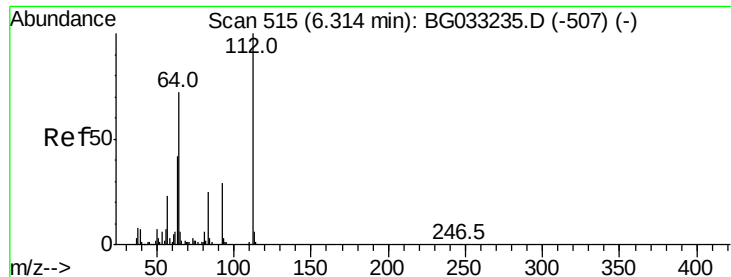
Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Tgt Ion: 42 Resp: 65256

Ion	Ratio	Lower	Upper
42	100		
74	114.8	102.5	153.7
44	7.0	18.9	28.3





#5

2-Fluorophenol

Concen: 112.757 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

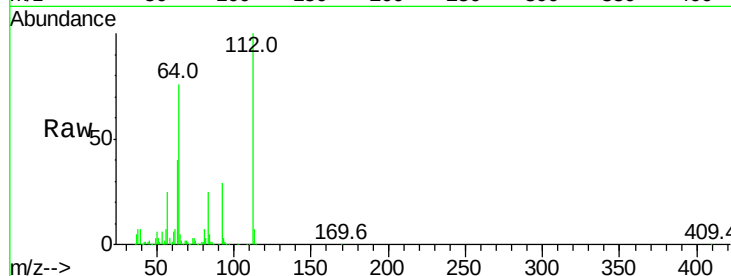
Tot Ion:112 Resp: 257461

Ion Ratio Lower Upper

112 100

64 75.9 56.3 84.5

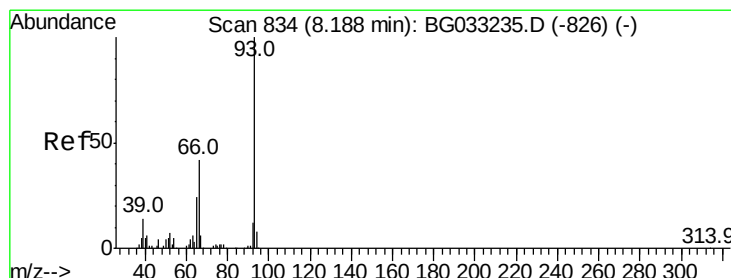
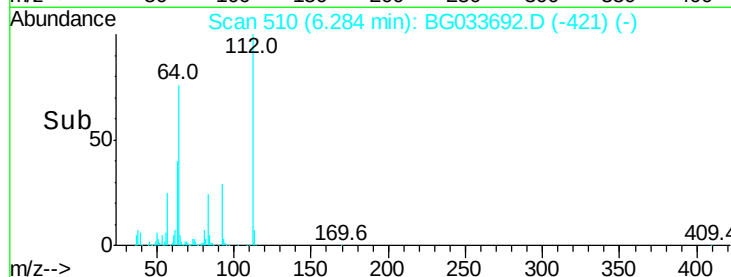
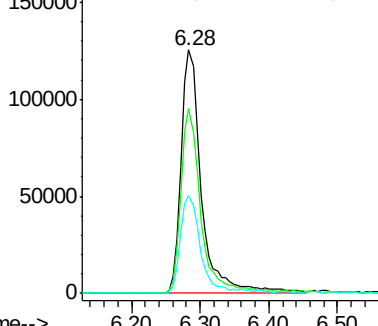
63 40.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.142 ng

RT: 8.15 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

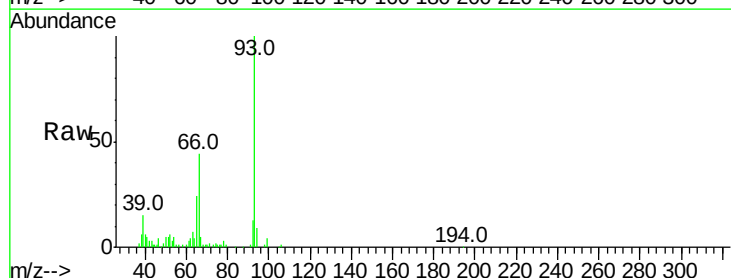
Tgt Ion: 93 Resp: 88316

Ion Ratio Lower Upper

93 100

66 44.2 33.7 50.5

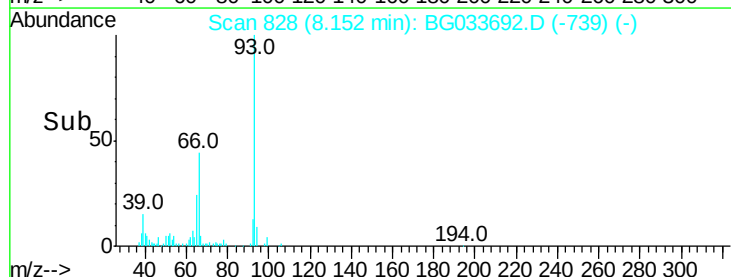
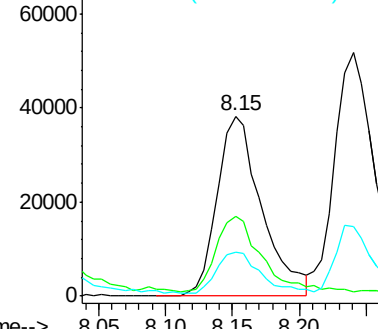
65 24.3 16.1 24.1#

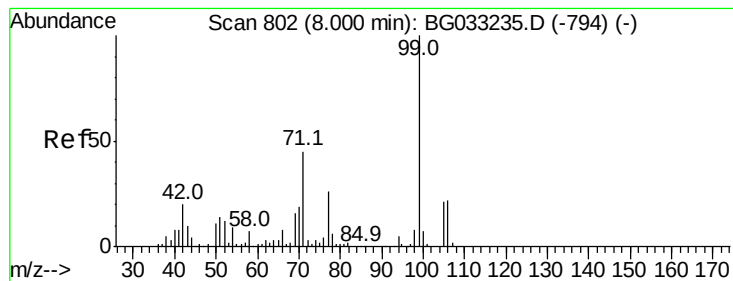


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.908 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampled :

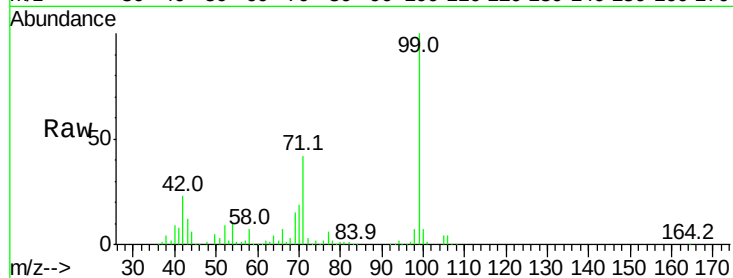
Tot Ion: 99 Resp: 380189

Ion Ratio Lower Upper

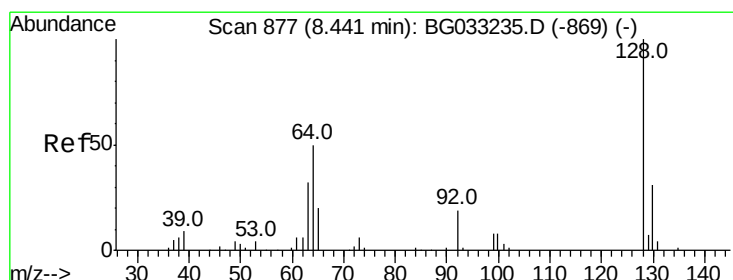
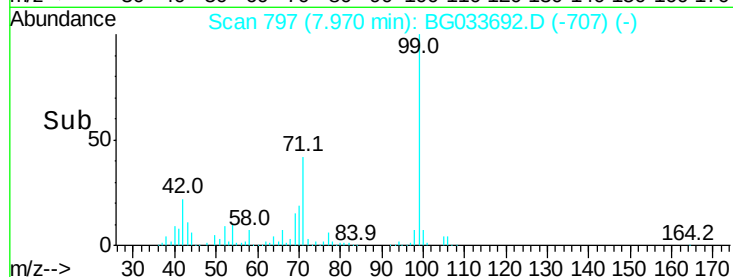
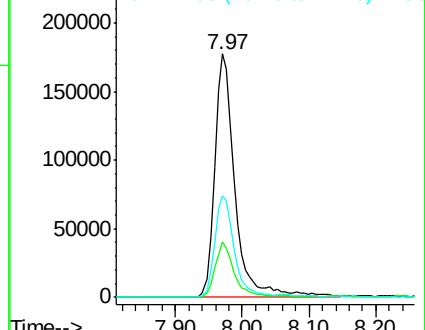
99 100

42 22.5 14.1 21.1#

71 41.6 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.799 ng

RT: 8.40 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

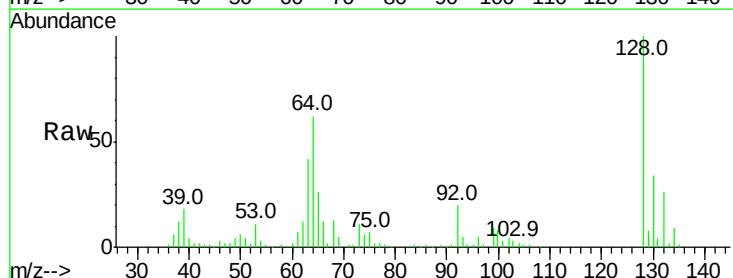
Tgt Ion: 128 Resp: 122160

Ion Ratio Lower Upper

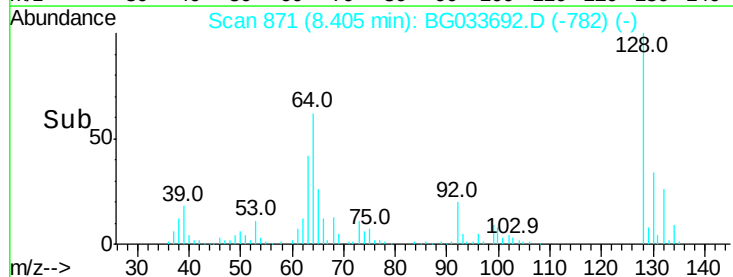
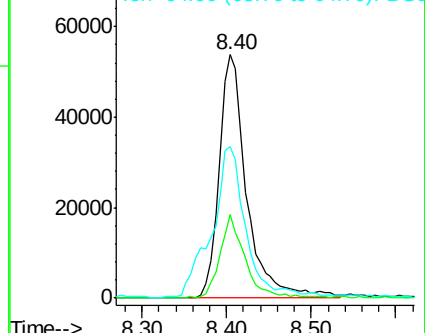
128 100

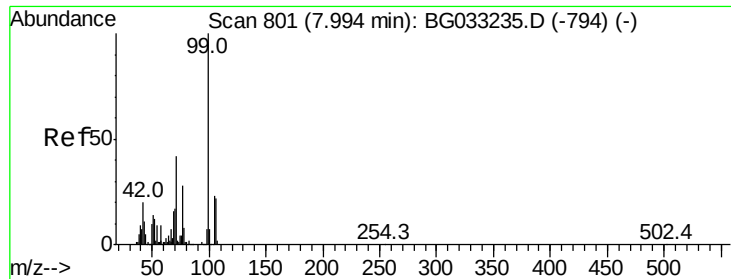
130 34.5 14.0 54.0

64 62.4 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.042 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampled :

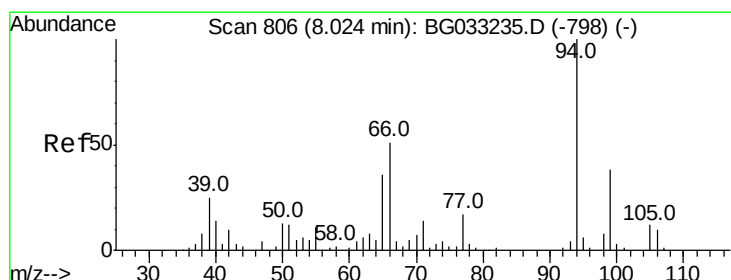
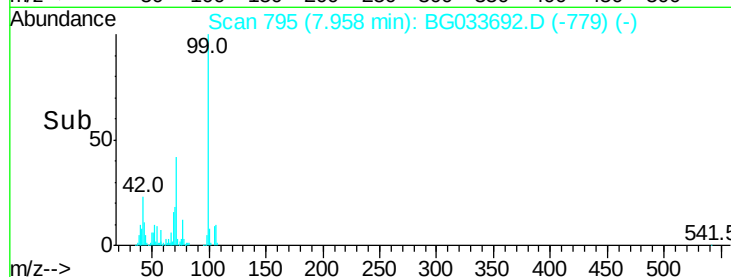
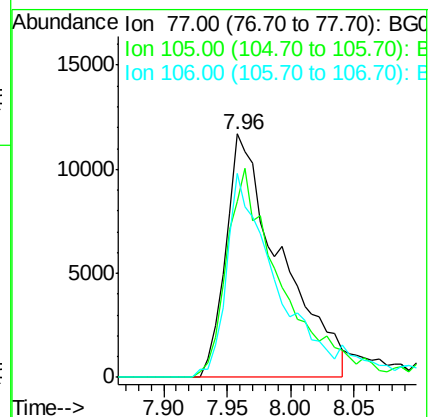
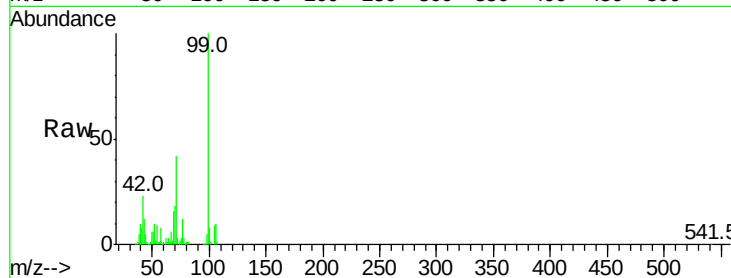
Tot Ion: 77 Resp: 35009

Ion Ratio Lower Upper

77 100

105 72.4 71.3 111.3

106 83.8 64.2 104.2



#10

Phenol

Concen: 45.623 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

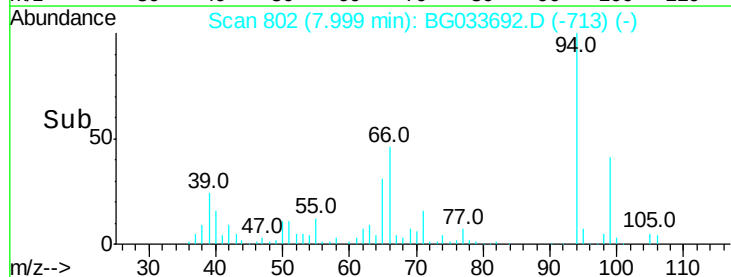
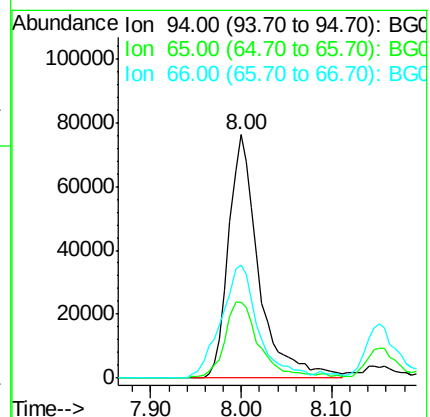
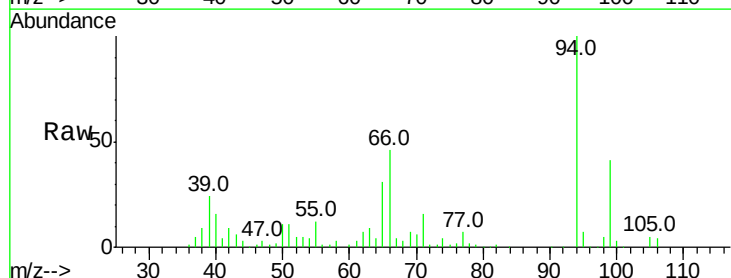
Tgt Ion: 94 Resp: 176716

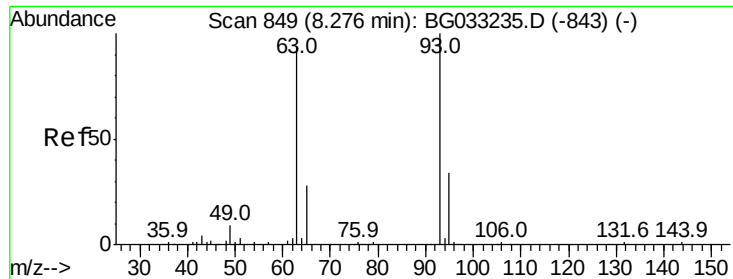
Ion Ratio Lower Upper

94 100

65 31.1 11.9 51.9

66 46.5 22.2 62.2

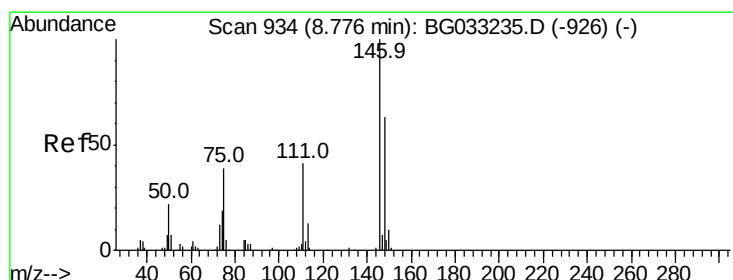
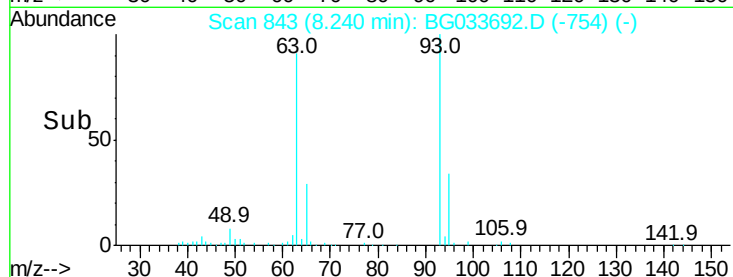
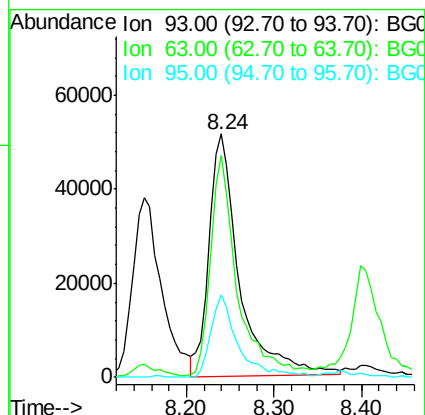
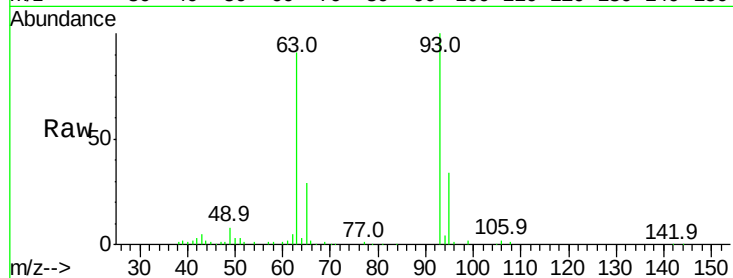




#11
 bis(2-Chloroethyl)ether
 Concen: 39.478 ng
 RT: 8.24 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

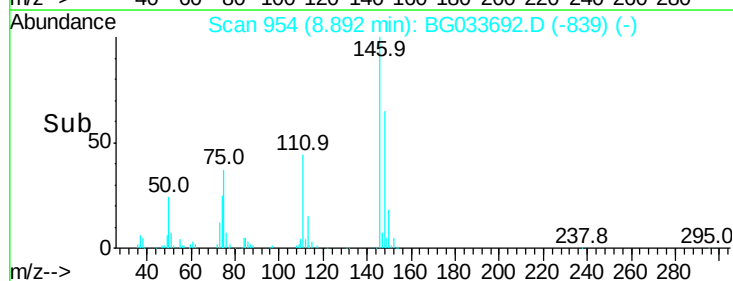
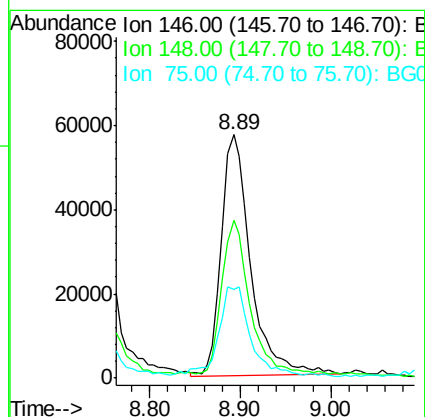
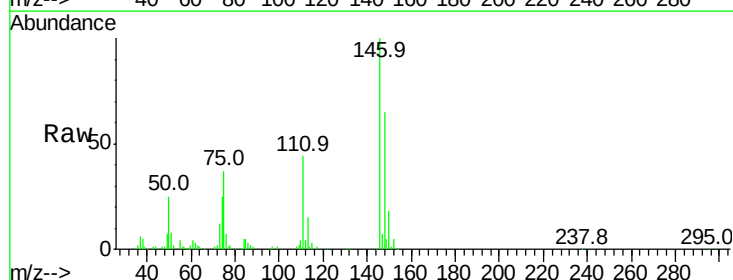
Instrument :
 BNA_G
 ClientSampleId :

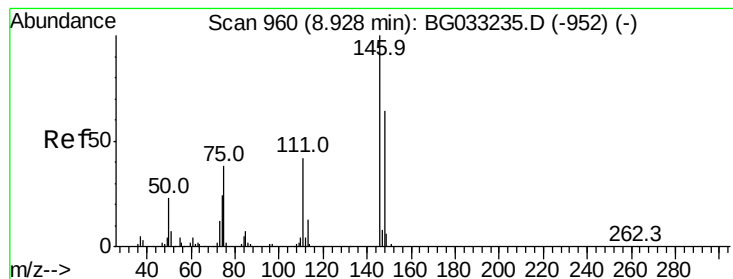
Tot Ion: 93 Resp: 124815
 Ion Ratio Lower Upper
 93 100
 63 91.3 67.1 107.1
 95 33.9 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 37.501 ng
 RT: 8.89 min Scan# 954
 Delta R.T. 0.15 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Tgt Ion: 146 Resp: 127979
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.2
 75 36.7 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 37.445 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

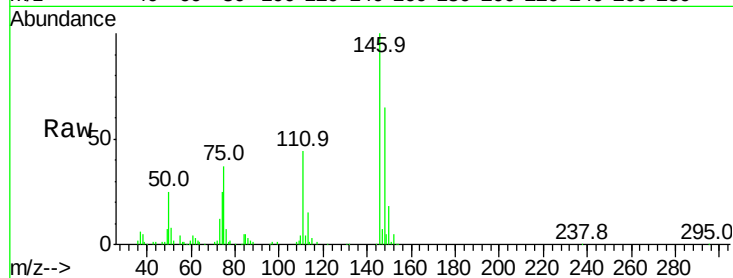
Tot Ion:146 Resp: 127979

Ion Ratio Lower Upper

146 100

148 64.6 53.7 80.5

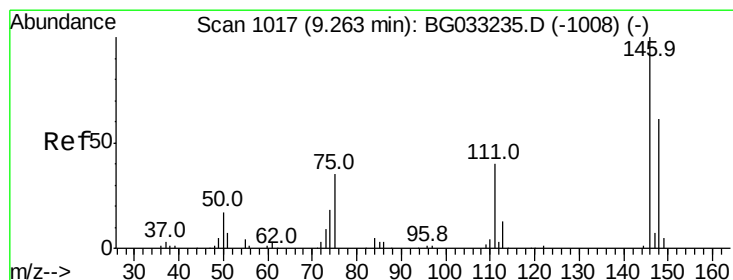
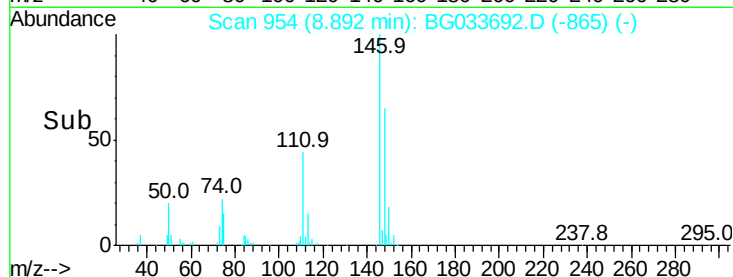
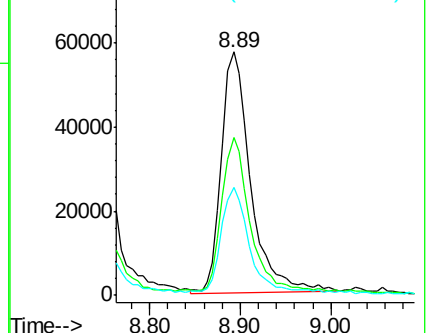
111 44.2 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.949 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

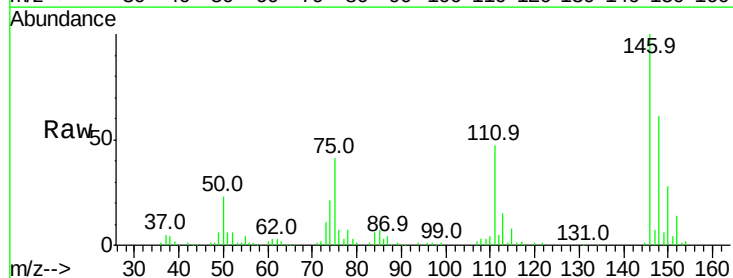
Tgt Ion:146 Resp: 129923

Ion Ratio Lower Upper

146 100

148 61.4 49.3 73.9

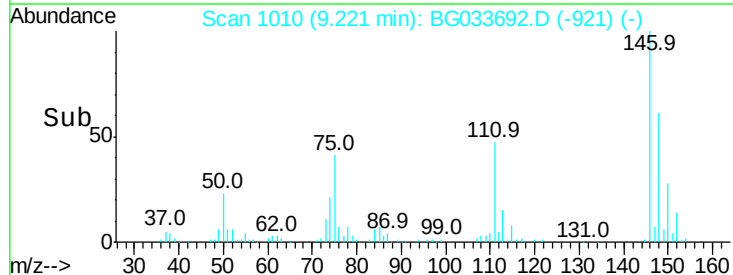
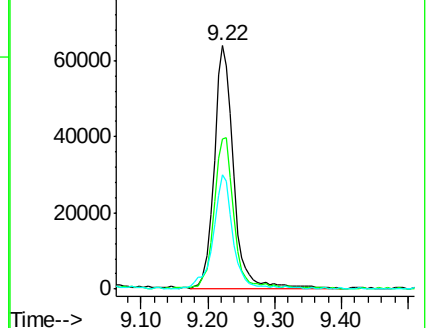
111 46.7 34.3 51.5

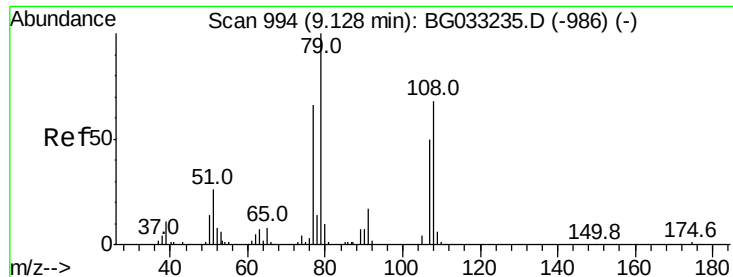


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

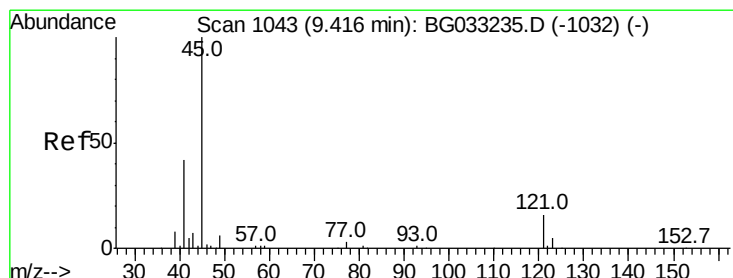
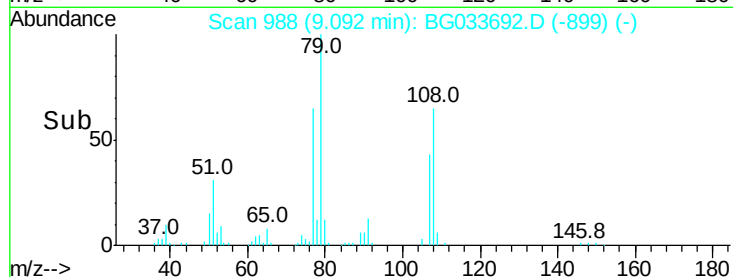
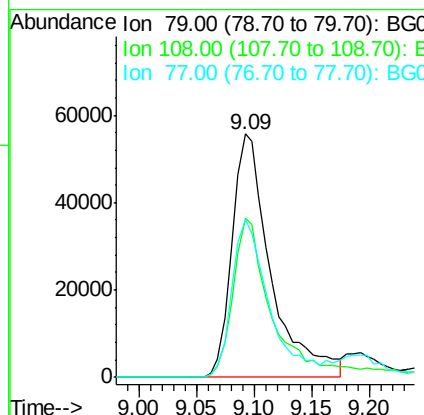
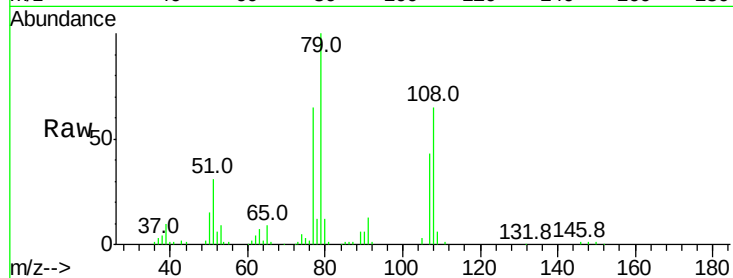




#15
Benzyl Alcohol
Concen: 42.182 ng
RT: 9.09 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

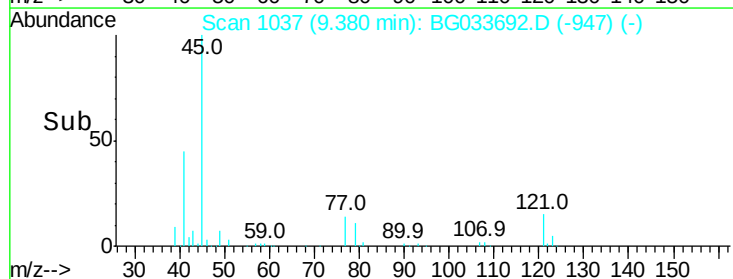
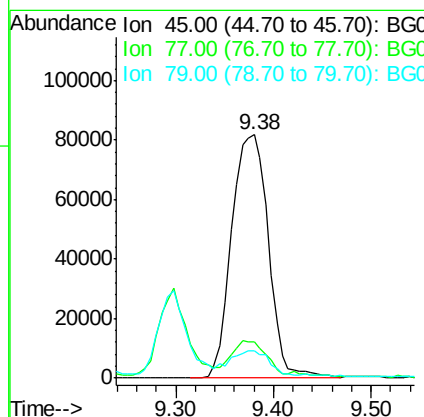
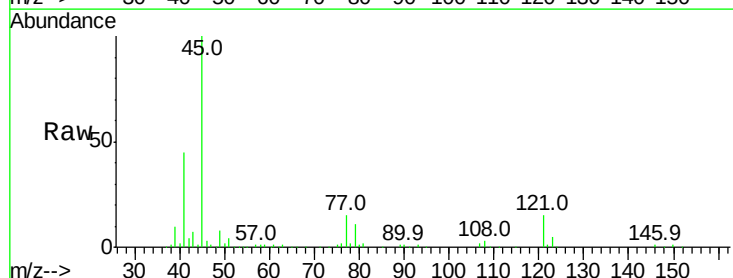
Instrument :
BNA_G
ClientSampled :

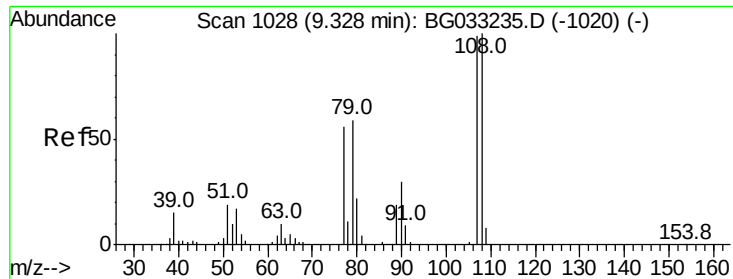
Tot Ion: 79 Resp: 130296
Ion Ratio Lower Upper
79 100
108 65.4 57.2 85.8
77 64.9 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.459 ng
RT: 9.38 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Tgt Ion: 45 Resp: 213685
Ion Ratio Lower Upper
45 100
77 14.7 0.0 30.2
79 11.4 0.0 27.9





#17

2-Methylphenol

Concen: 40.735 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 107487

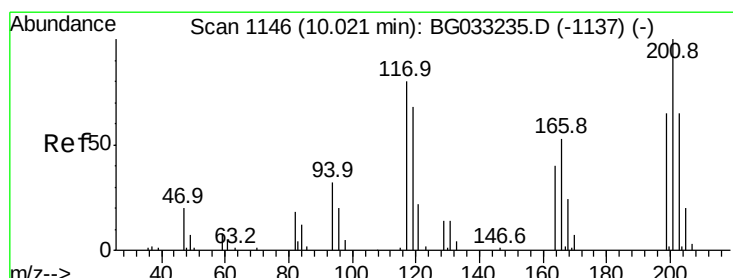
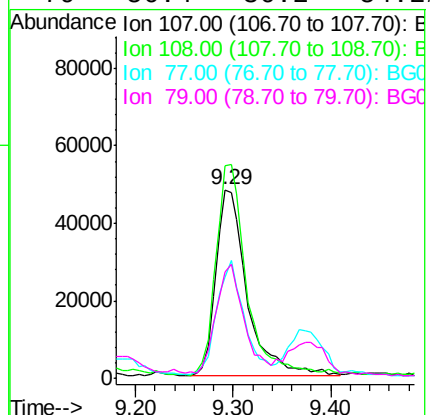
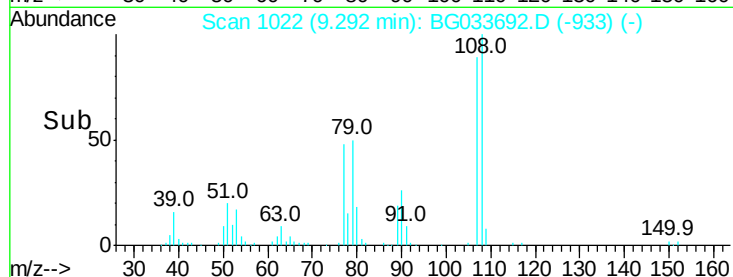
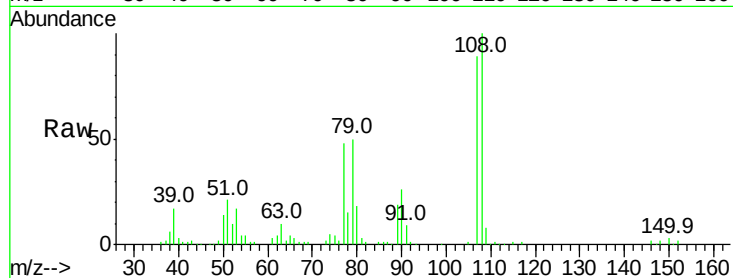
Ion Ratio Lower Upper

107 100

108 112.6 83.9 125.9

77 53.7 37.2 55.8

79 56.4 36.2 54.2#



#18

Hexachloroethane

Concen: 39.350 ng

RT: 9.97 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

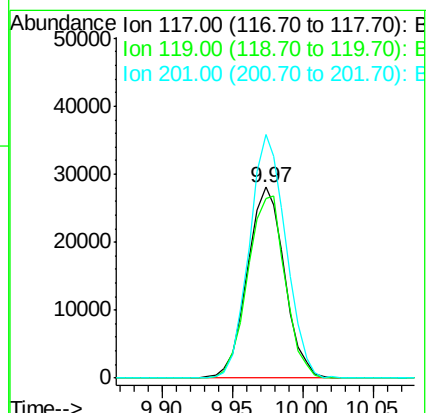
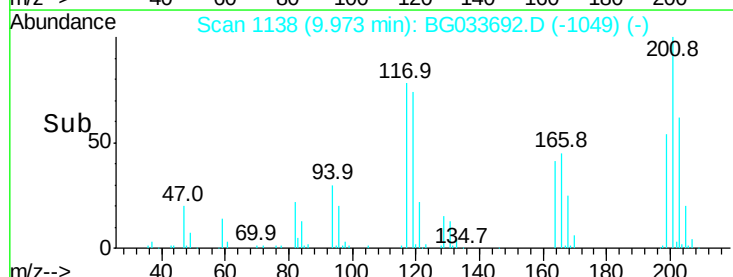
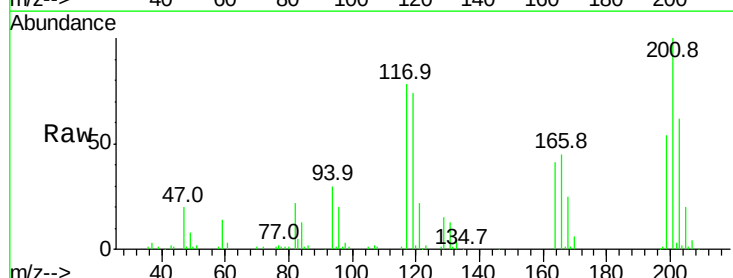
Tgt Ion:117 Resp: 51907

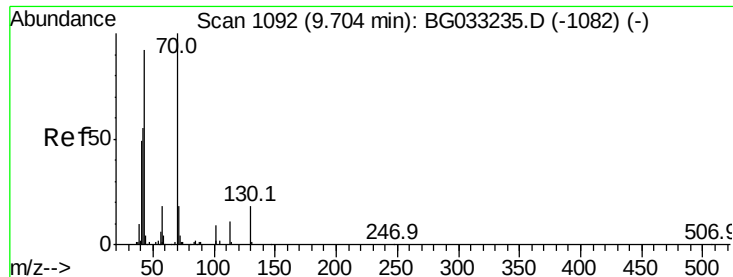
Ion Ratio Lower Upper

117 100

119 94.0 76.7 115.1

201 127.7 95.7 143.5





#19

n-Nitroso-di-n-propylamine

Concen: 38.572 ng

RT: 9.66 min Scan# 1085

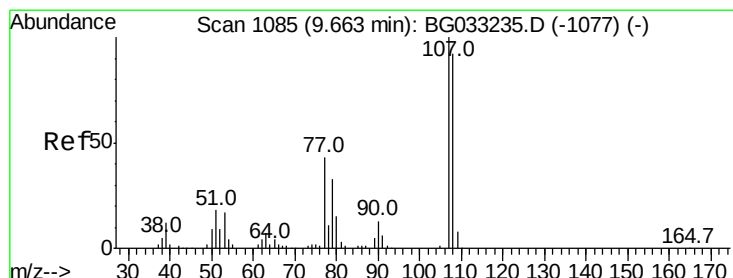
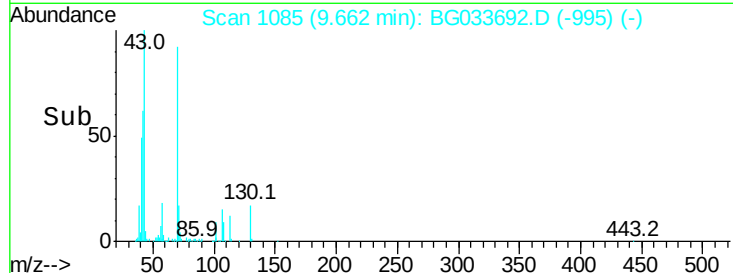
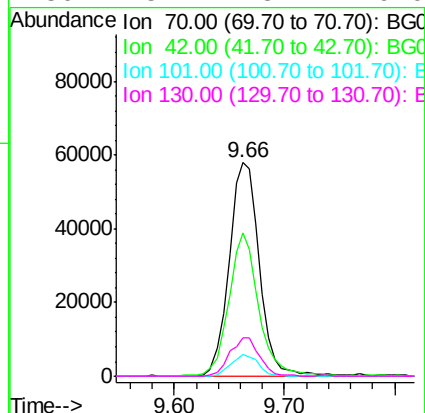
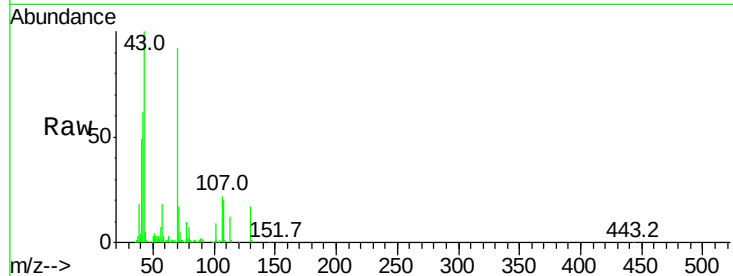
Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	110885
Ion	Ratio	Lower	Upper
70	100		
42	67.3	49.1	73.7
101	10.0	8.5	12.7
130	18.1	13.4	20.0



#20

3+4-Methylphenols

Concen: 40.476 ng

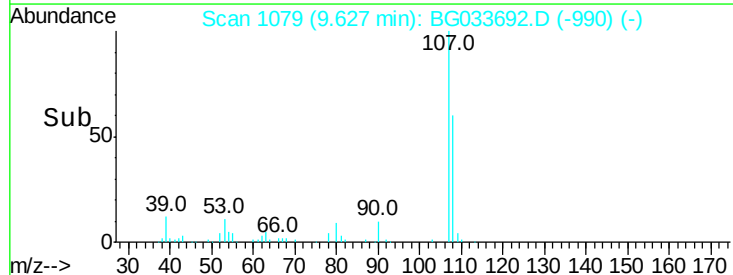
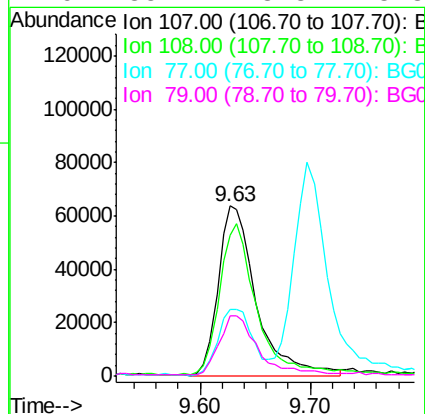
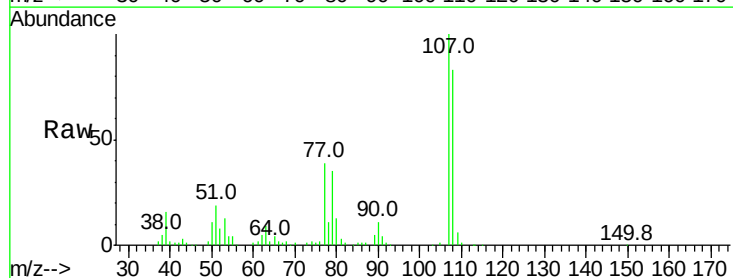
RT: 9.63 min Scan# 1079

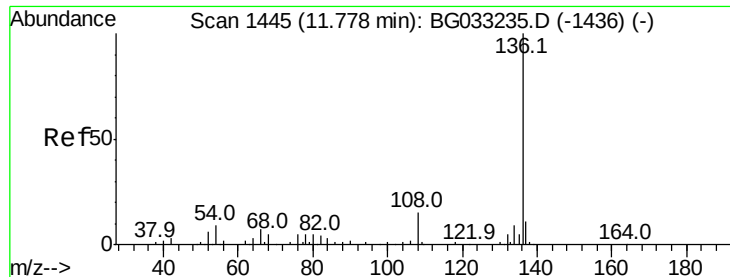
Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Tgt Ion:	107	Resp:	152066
Ion	Ratio	Lower	Upper
107	100		
108	82.6	61.6	101.6
77	39.1	13.9	53.9
79	35.1	8.8	48.8

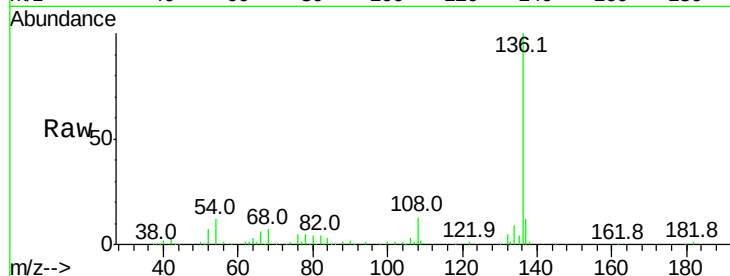




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	175622	
Ion Ratio	Lower	Upper	
136 100			
137 11.7	9.2	13.8	
54 11.6	10.3	15.5	
68 6.7	4.5	6.7#	



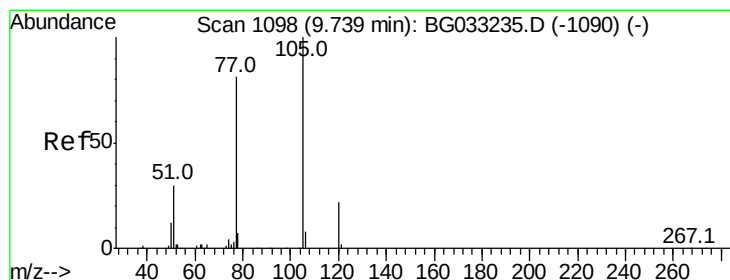
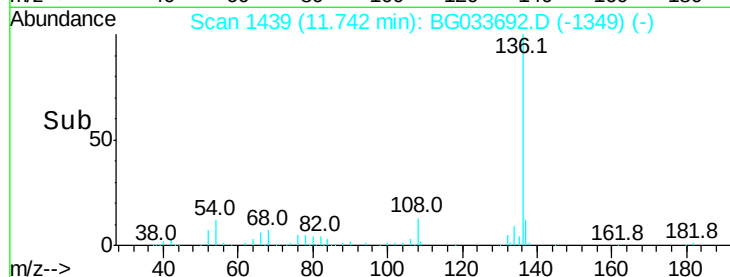
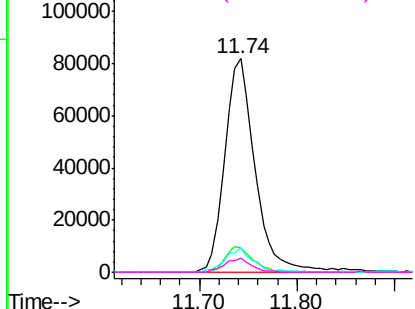
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

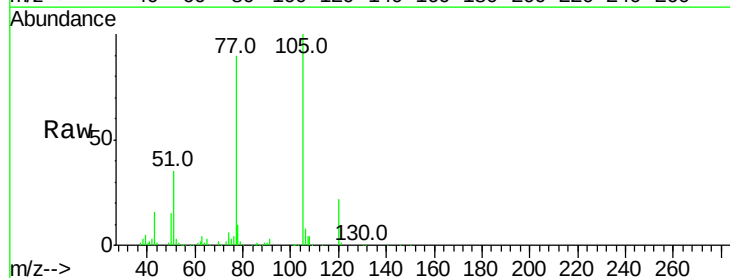
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.289 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Tgt	Ion:105	Resp:	193849
Ion	Ratio	Lower	Upper
105	100		
71	0.4	3.0	4.4#
51	34.8	26.1	39.1
120	22.1	17.4	26.2



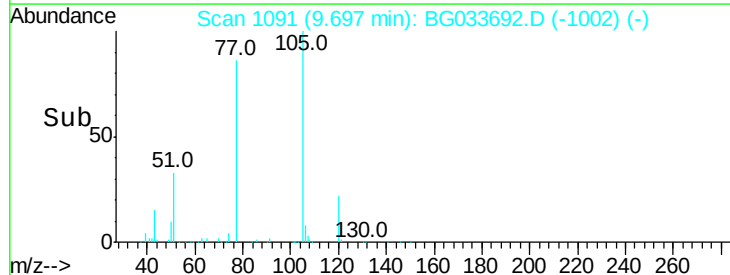
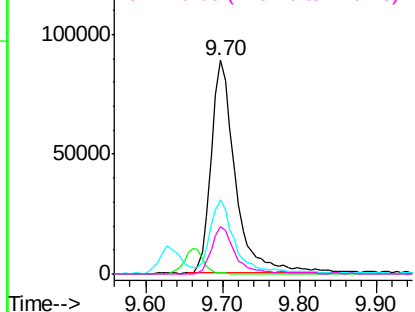
Abundance

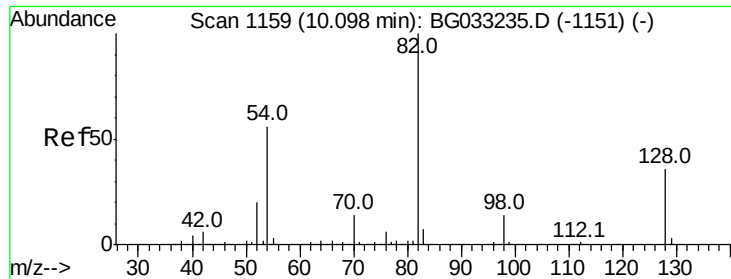
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 94.918 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

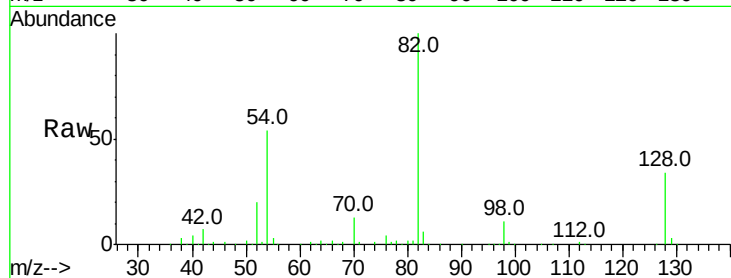
Tot Ion: 82 Resp: 362826

Ion Ratio Lower Upper

82 100

128 34.3 29.7 44.5

54 54.3 43.1 64.7

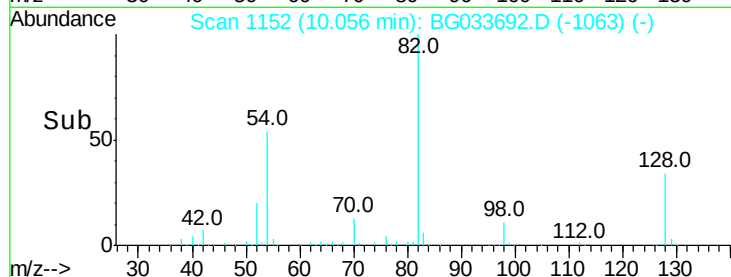


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Time-->



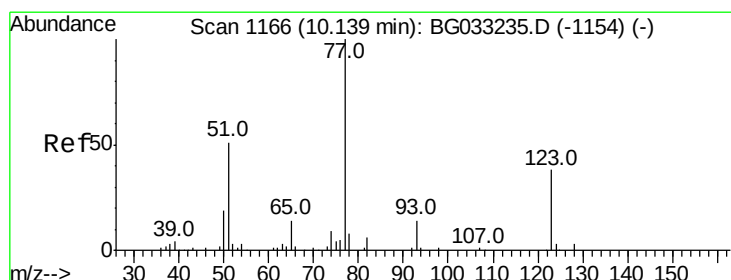
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Time-->



#24

Nitrobenzene

Concen: 39.666 ng

RT: 10.10 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

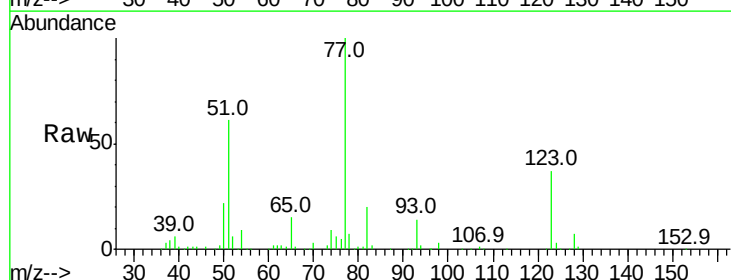
Tgt Ion: 77 Resp: 162294

Ion Ratio Lower Upper

77 100

123 37.0 33.0 49.6

65 14.8 13.0 19.6

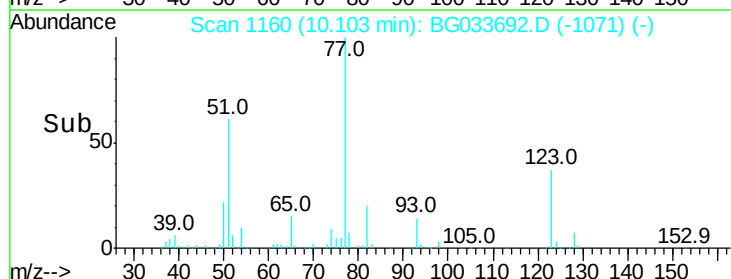


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->



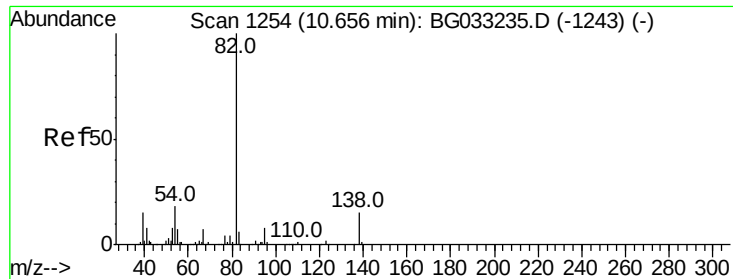
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->



#25

Isophorone

Concen: 42.038 ng

RT: 10.61 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampled :

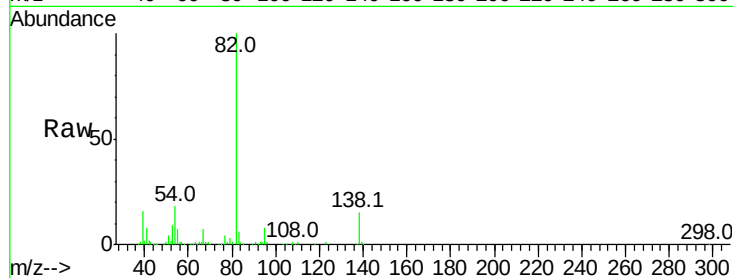
Tot Ion: 82 Resp: 311880

Ion Ratio Lower Upper

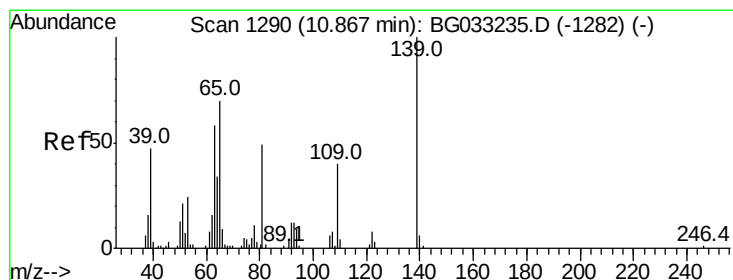
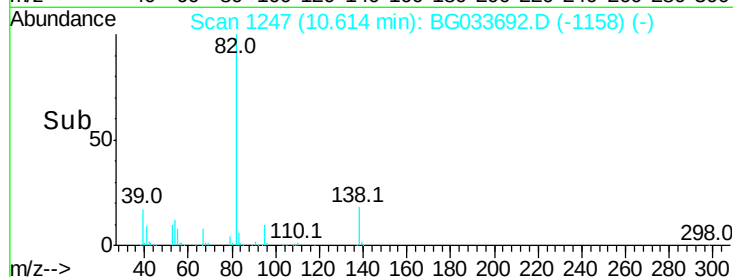
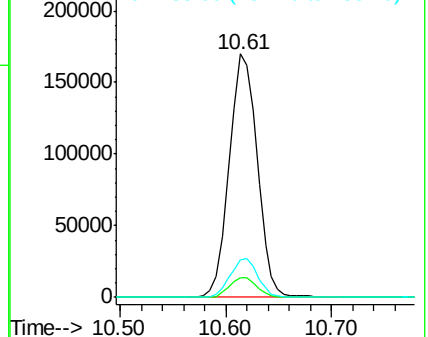
82 100

95 8.3 6.2 9.2

138 15.3 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 44.555 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

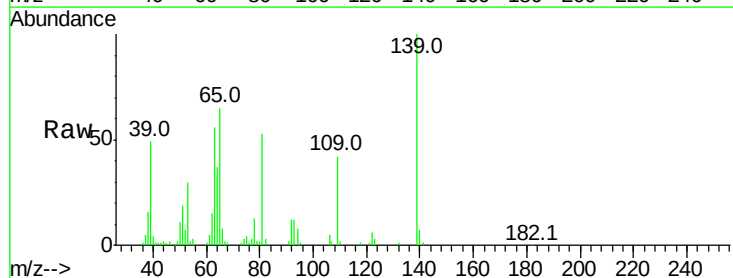
Tgt Ion: 139 Resp: 69017

Ion Ratio Lower Upper

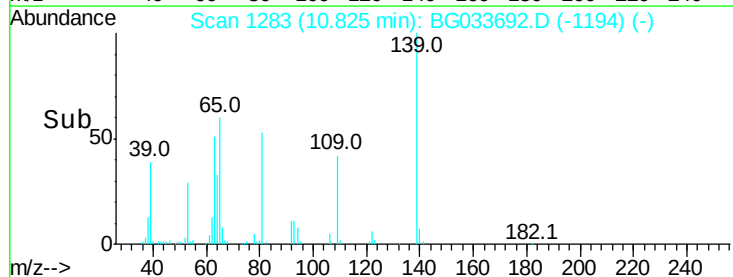
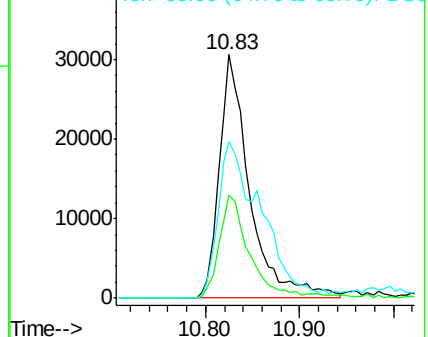
139 100

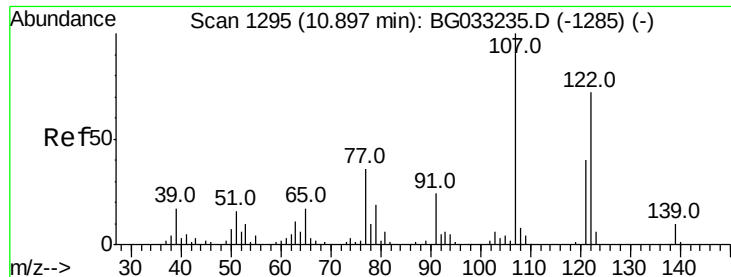
109 42.2 24.2 36.2#

65 64.6 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

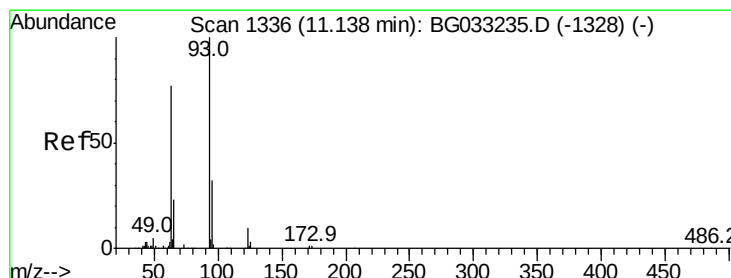
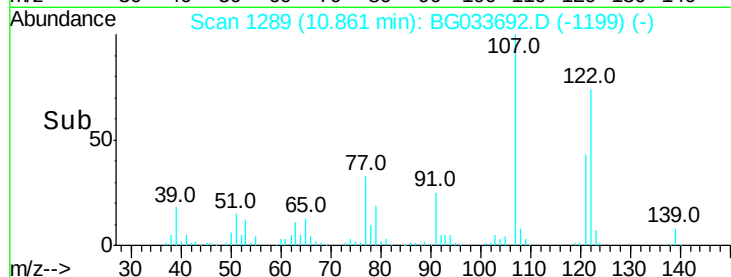
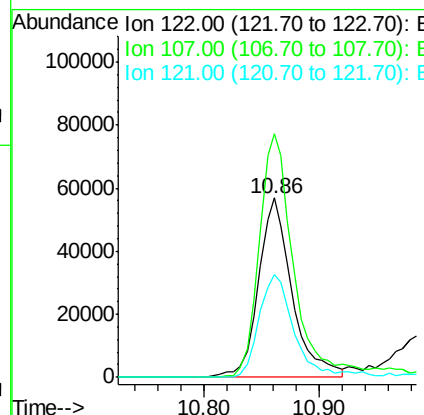
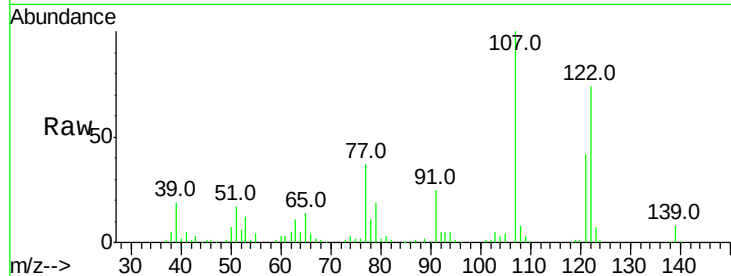




#27
 2,4-Dimethylphenol
 Concen: 51.204 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

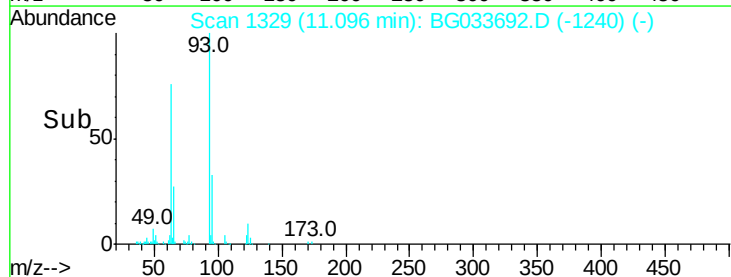
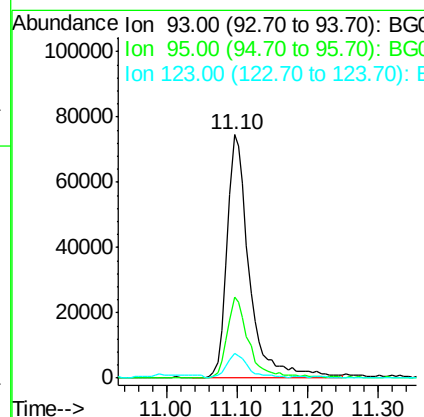
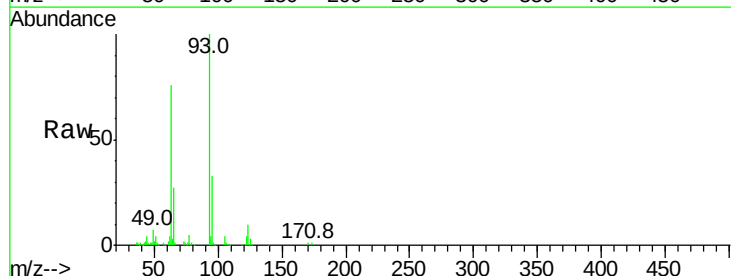
Instrument :
 BNA_G
 ClientSampleId :

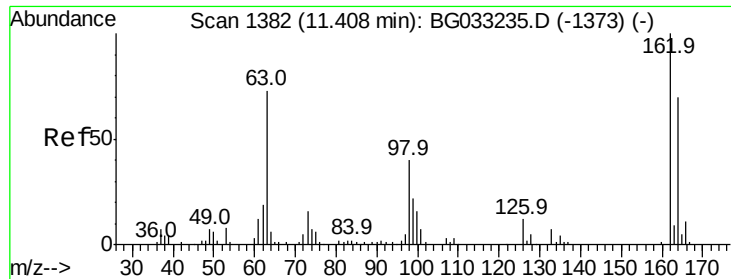
Tot Ion:122 Resp: 115222
 Ion Ratio Lower Upper
 122 100
 107 135.6 100.2 150.2
 121 57.6 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.587 ng
 RT: 11.10 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Tgt Ion: 93 Resp: 165044
 Ion Ratio Lower Upper
 93 100
 95 33.1 24.3 36.5
 123 9.9 8.4 12.6

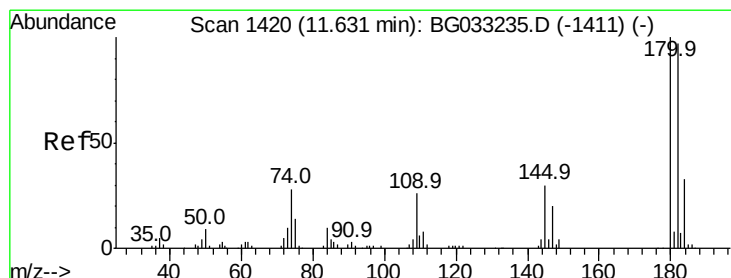
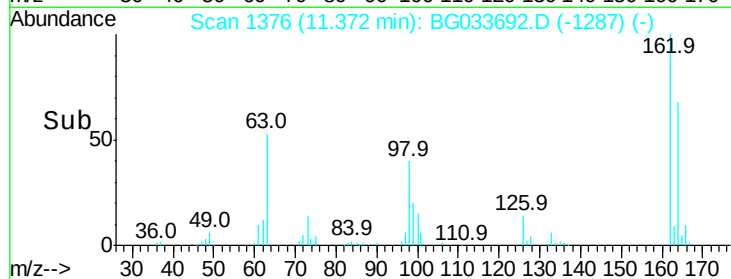
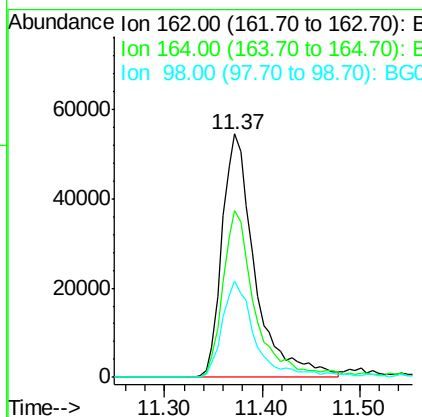
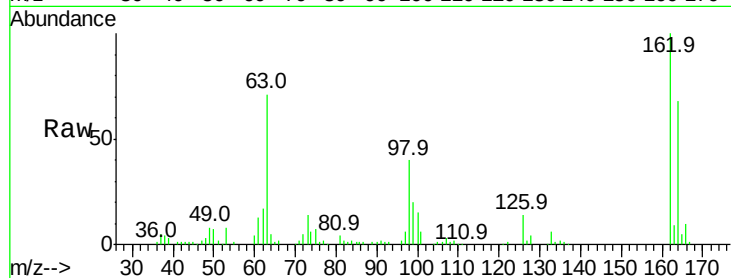




#29
 2,4-Dichlorophenol
 Concen: 46.099 ng
 RT: 11.37 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

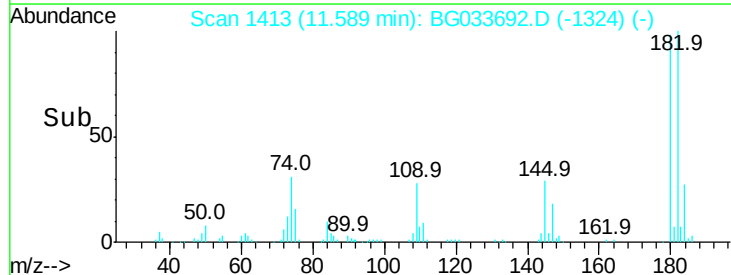
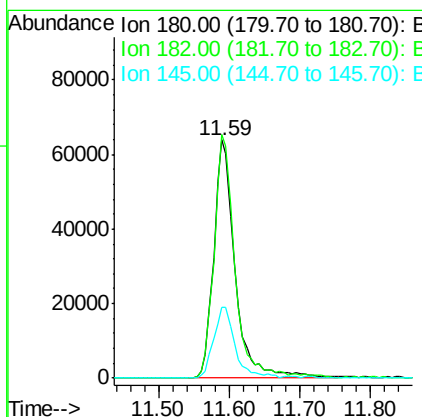
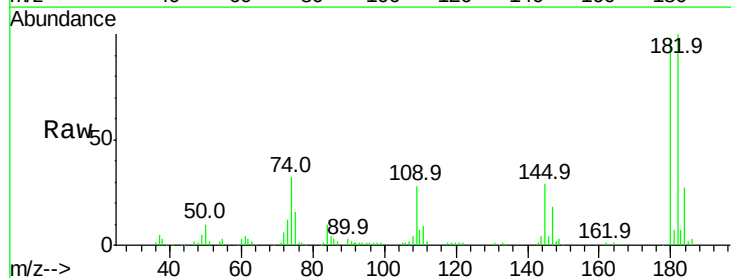
Instrument :
 BNA_G
 ClientSampleId :

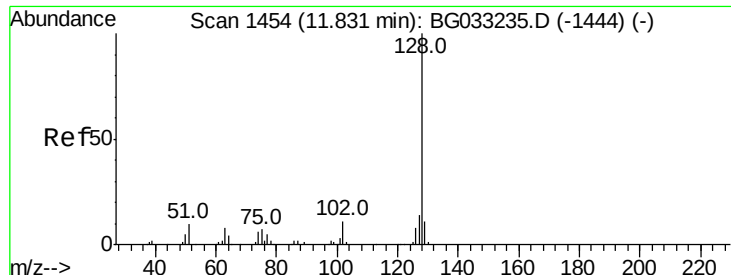
Tot Ion:162 Resp: 127573
 Ion Ratio Lower Upper
 162 100
 164 68.3 48.0 88.0
 98 39.7 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.325 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Tgt Ion:180 Resp: 134201
 Ion Ratio Lower Upper
 180 100
 182 102.3 77.5 116.3
 145 29.5 23.4 35.2

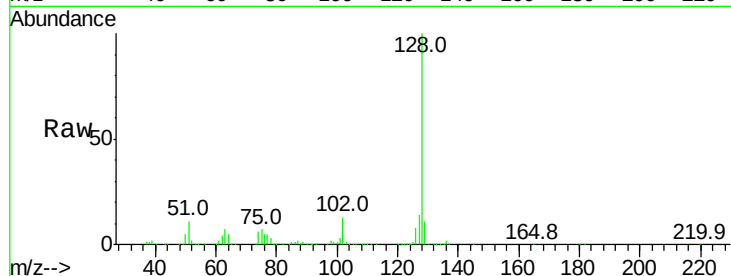




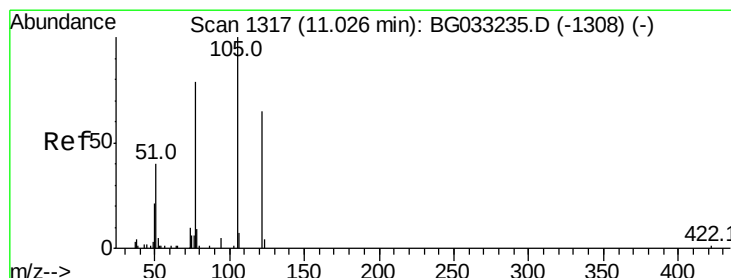
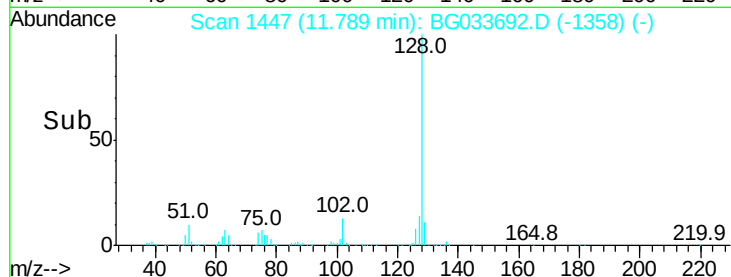
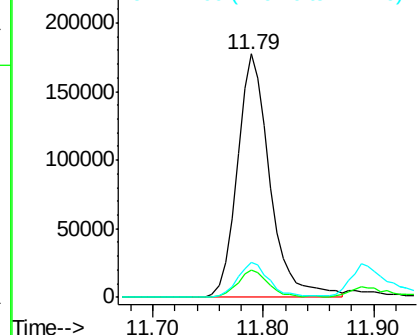
#31
Naphthalene
Concen: 40.282 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 366595
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.2 11.6 17.4

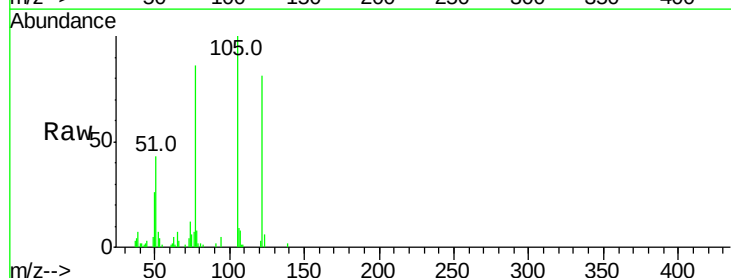


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

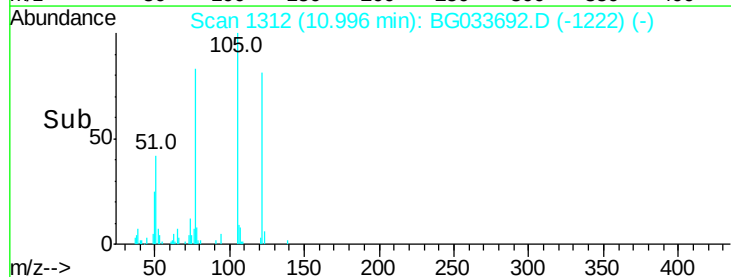
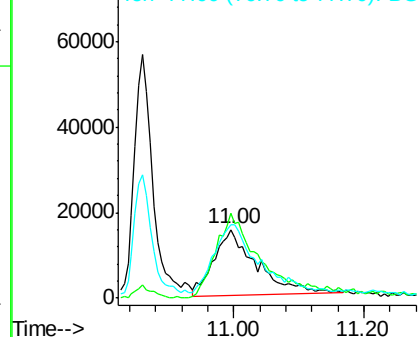


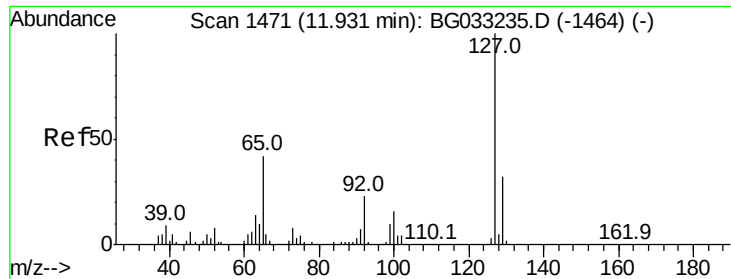
#32
Benzoic acid
Concen: 33.442 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Tgt Ion:122 Resp: 69956
Ion Ratio Lower Upper
122 100
105 123.9 123.5 163.5
77 106.9 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

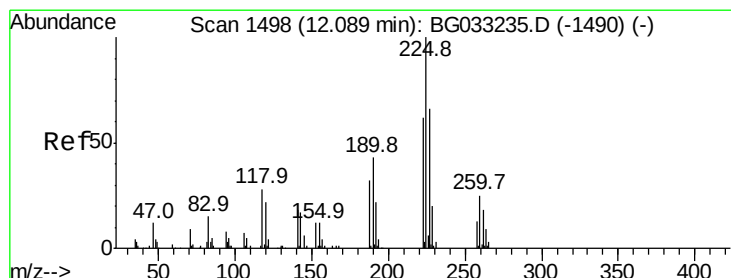
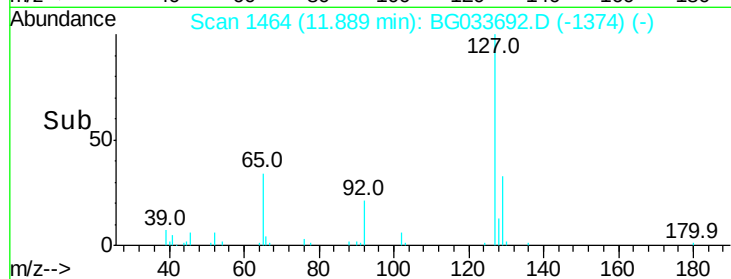
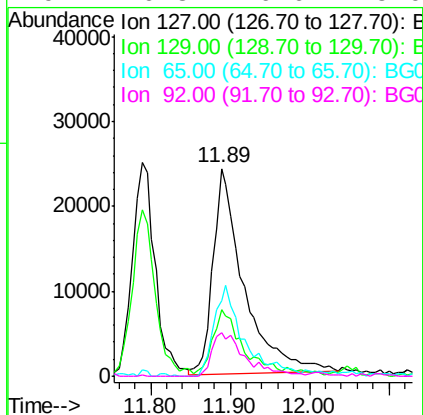
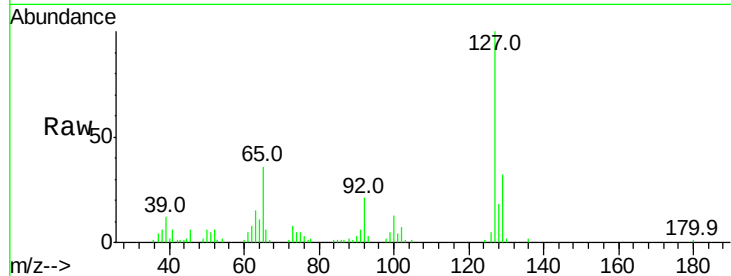




#33
4-Chloroaniline
Concen: 15.966 ng
RT: 11.89 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

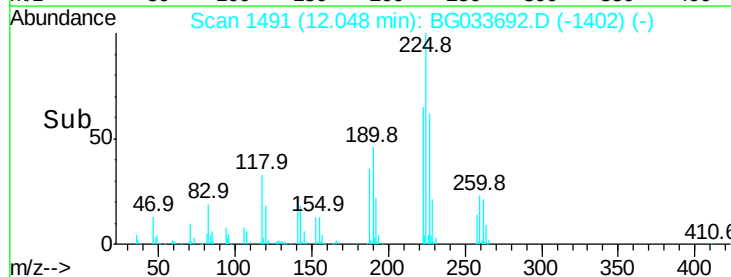
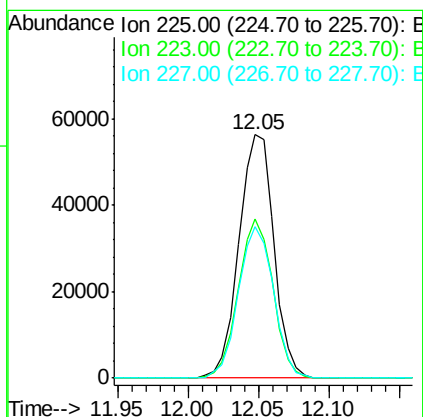
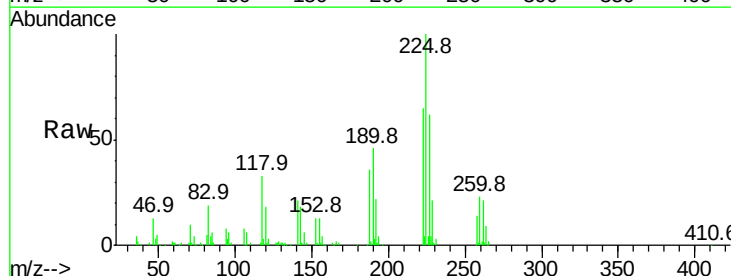
Instrument :
BNA_G
ClientSampleId :

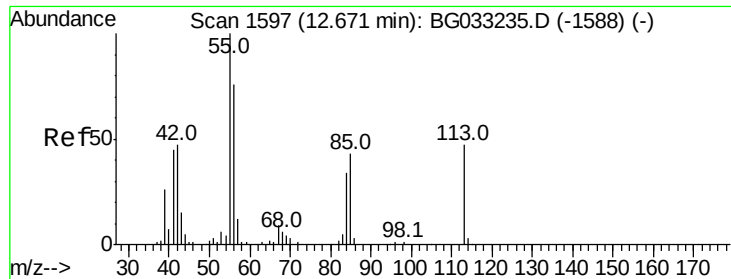
Tot Ion:127	Resp: 65100
Ion Ratio	Lower Upper
127 100	
129 31.8	24.0 36.0
65 36.4	27.0 40.4
92 20.8	16.6 25.0



#34
Hexachlorobutadiene
Concen: 35.846 ng
RT: 12.05 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Tgt	Ion:225	Resp:	97464
Ion	Ratio	Lower	Upper
225	100		
223	65.2	49.7	74.5
227	62.3	48.1	72.1





#35

Caprolactam

Concen: 43.435 ng

RT: 12.64 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

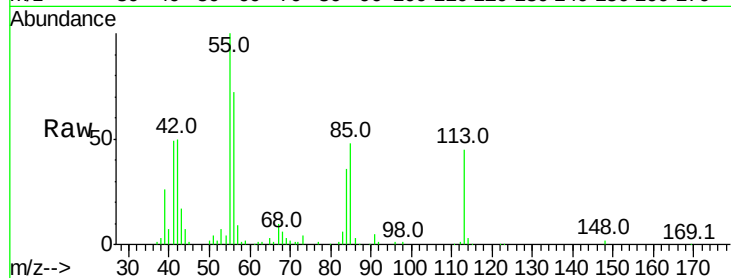
Tot Ion:113 Resp: 47090

Ion Ratio Lower Upper

113 100

55 220.2 186.9 226.9

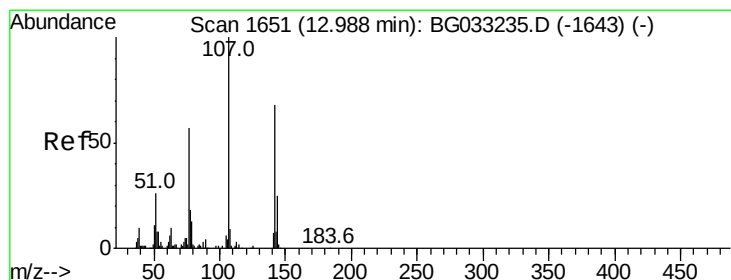
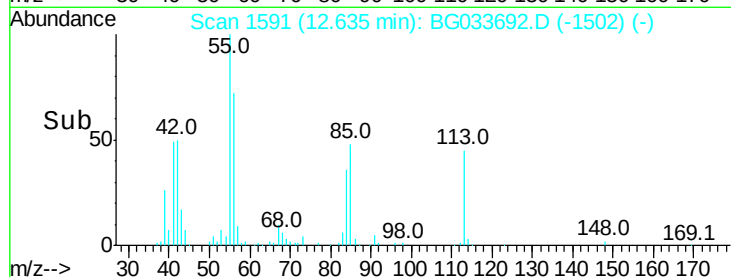
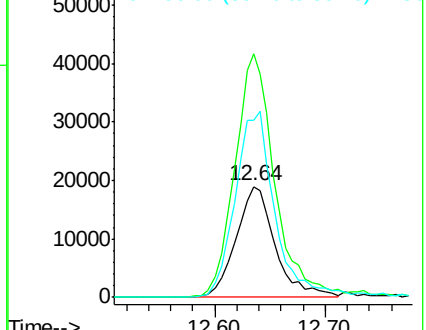
56 159.6 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG033235.D (-1588) (-)

Ion 56.00 (55.70 to 56.70): BG033235.D (-1588) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.274 ng

RT: 12.96 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

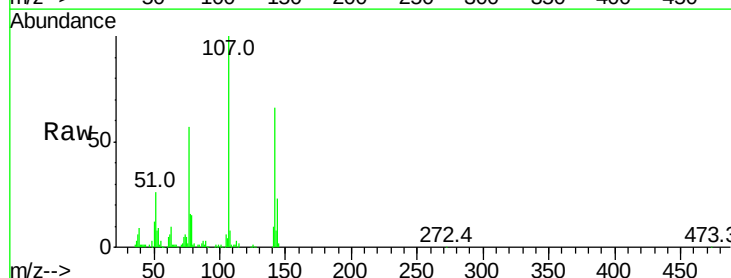
Tgt Ion:107 Resp: 159802

Ion Ratio Lower Upper

107 100

144 23.1 18.2 27.4

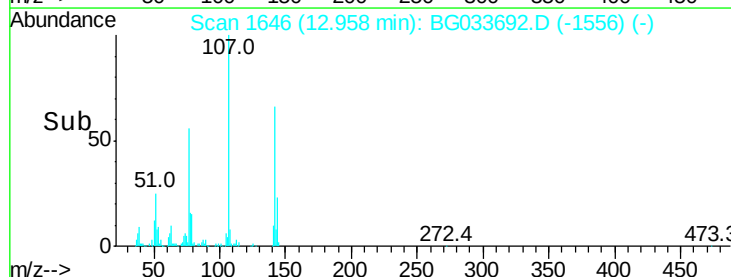
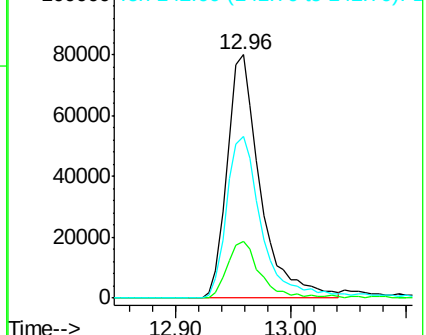
142 66.2 59.0 88.4

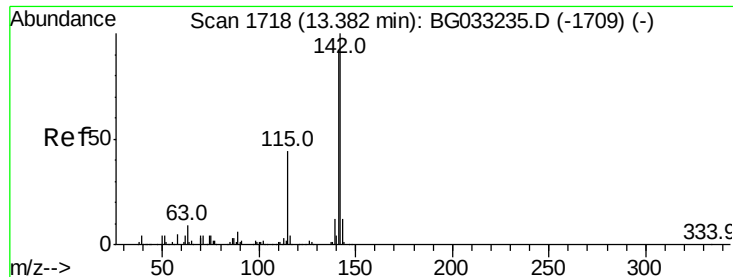


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

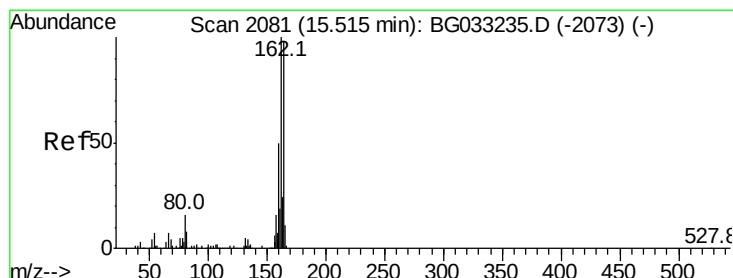
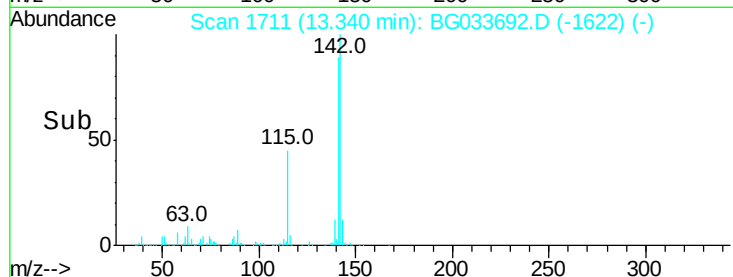
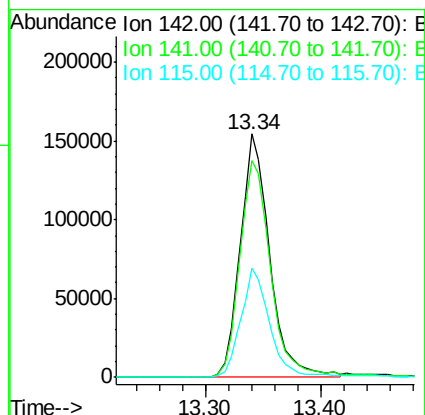
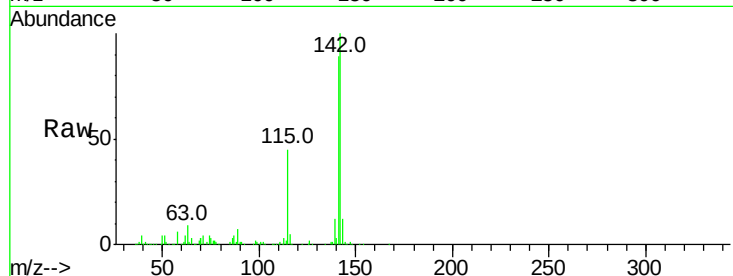




#37
2-Methylnaphthalene
Concen: 38.626 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

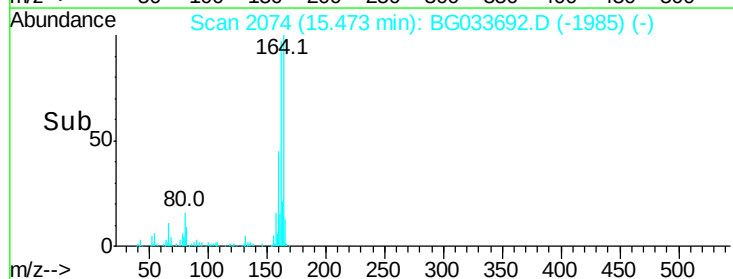
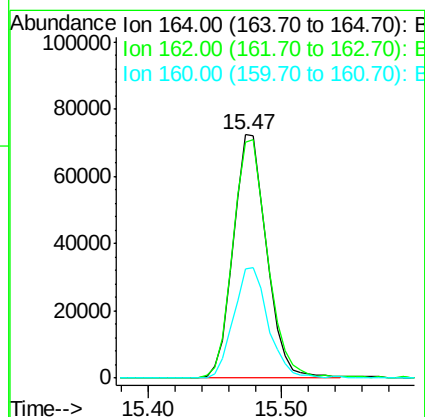
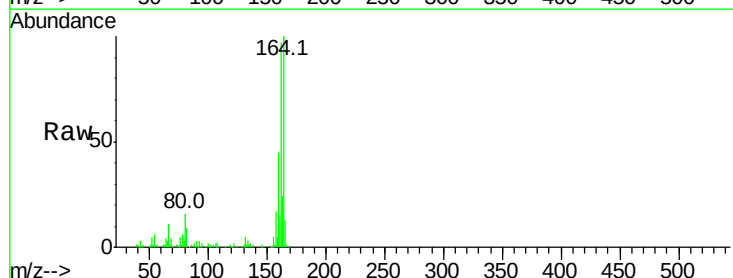
Instrument :
BNA_G
ClientSampleId :

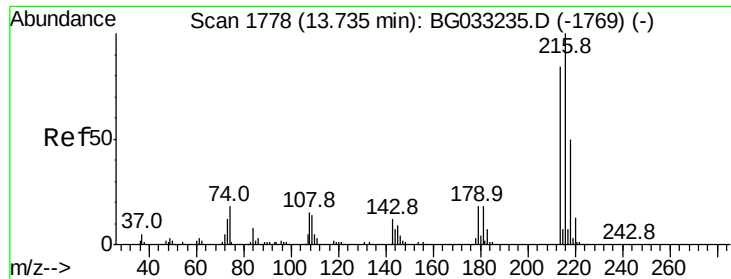
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	67.1	100.7
115	44.8	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.8	118.2
160	44.9	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.310 ng

RT: 13.70 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 175210

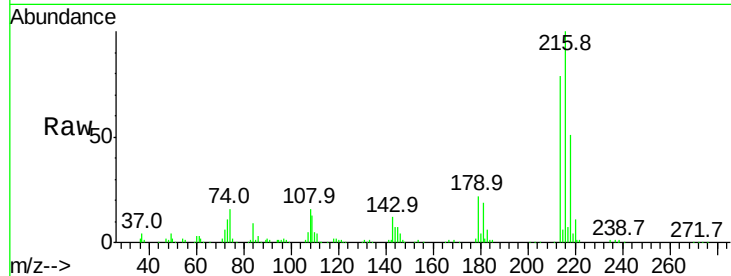
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 21.3 17.0 25.6

108 18.6 12.8 19.2

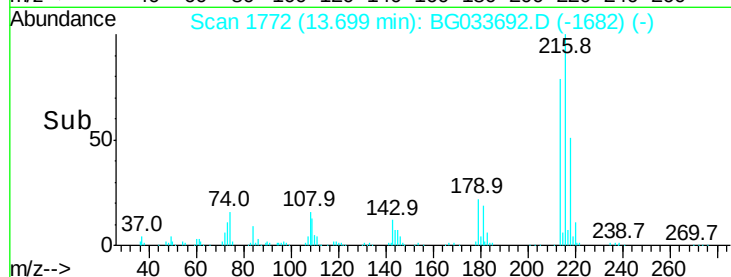


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Abundance

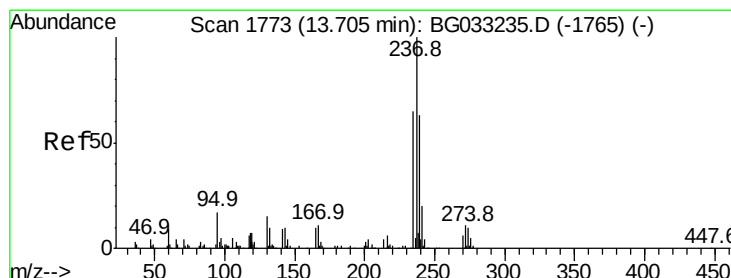
13.70

100000

50000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 75.237 ng

RT: 13.66 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

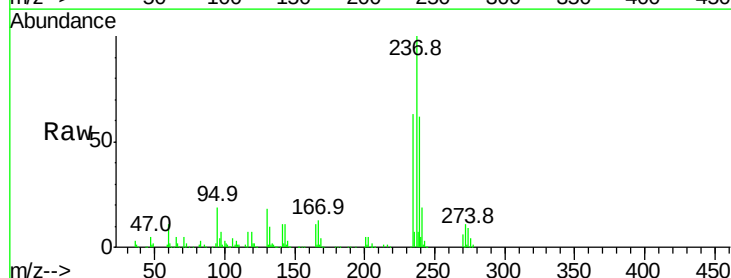
Tgt Ion:237 Resp: 201714

Ion Ratio Lower Upper

237 100

235 63.1 50.4 90.4

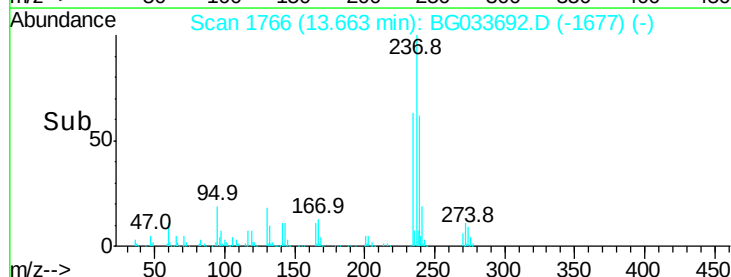
272 11.2 0.0 31.8



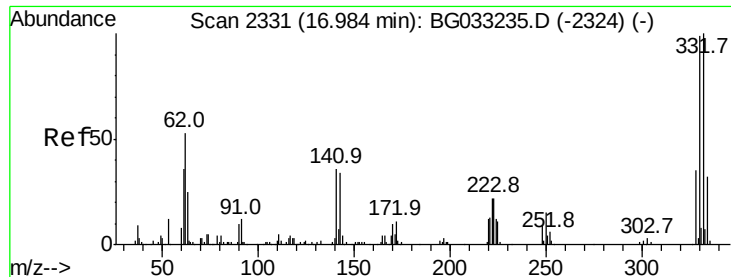
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



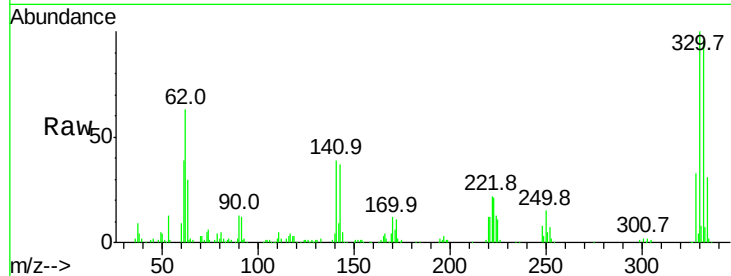
Time-->



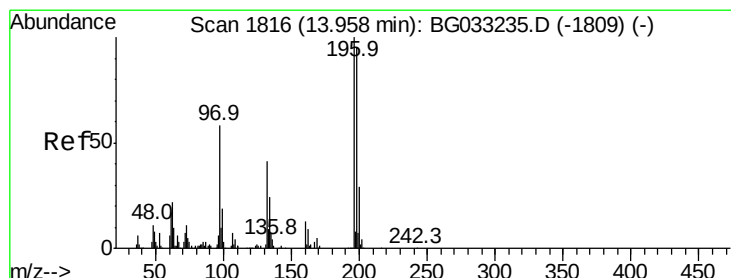
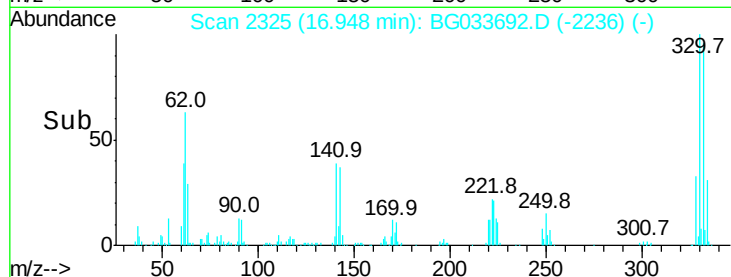
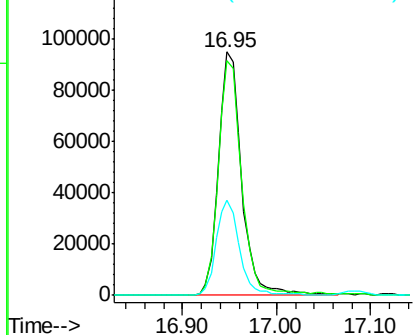
#41
 2,4,6-Tribromophenol
 Concen: 87.017 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 164319
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 39.4 25.2 37.8#

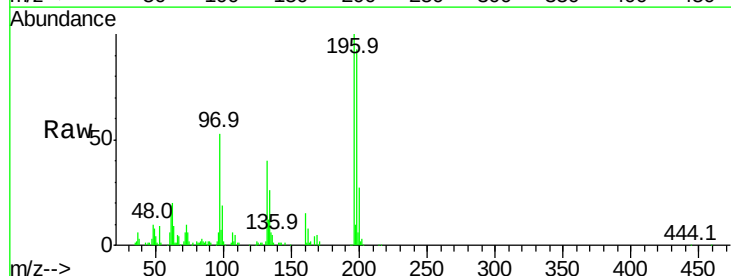


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

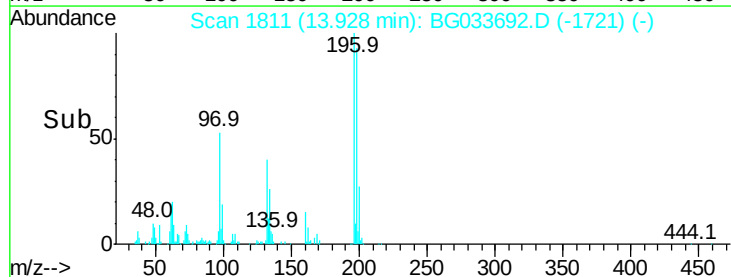
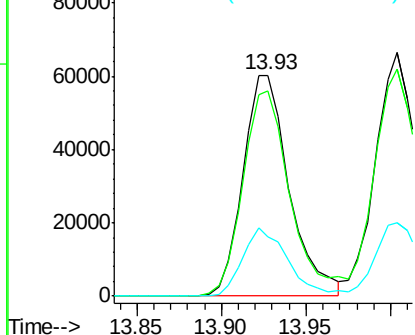


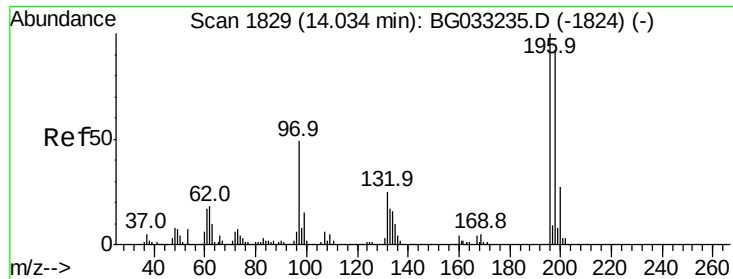
#42
 2,4,6-Trichlorophenol
 Concen: 43.142 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Tgt Ion:196 Resp: 114637
 Ion Ratio Lower Upper
 196 100
 198 92.7 78.2 117.2
 200 27.1 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

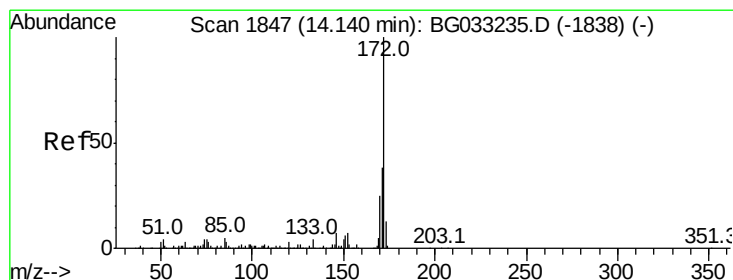
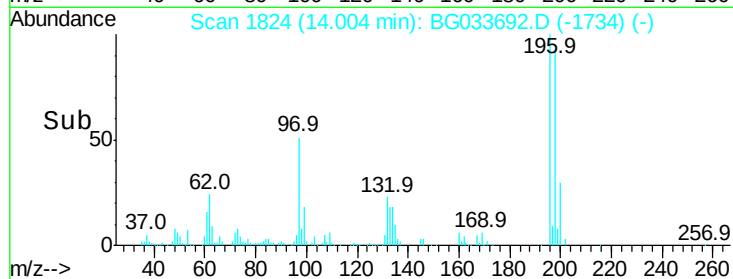
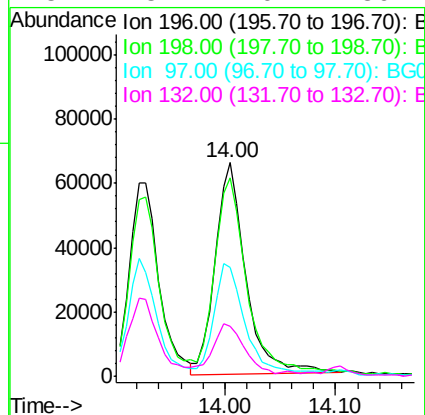
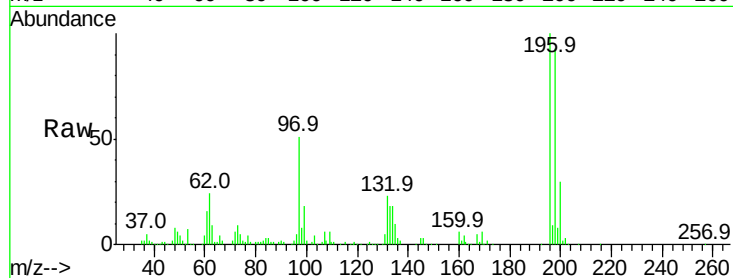




#43
 2,4,5-Trichlorophenol
 Concen: 40.189 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

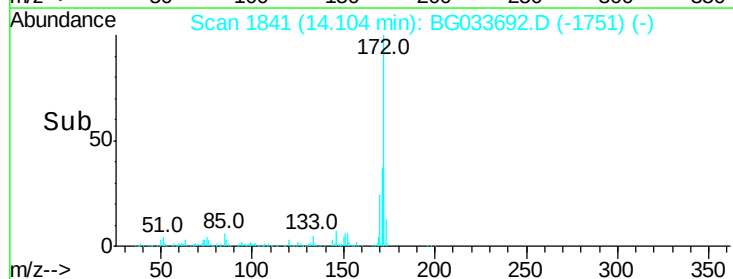
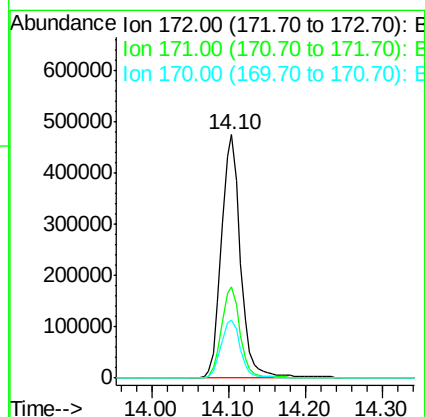
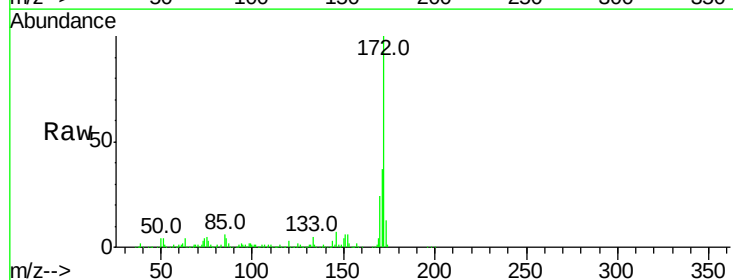
Instrument :
 BNA_G
 ClientSampled :

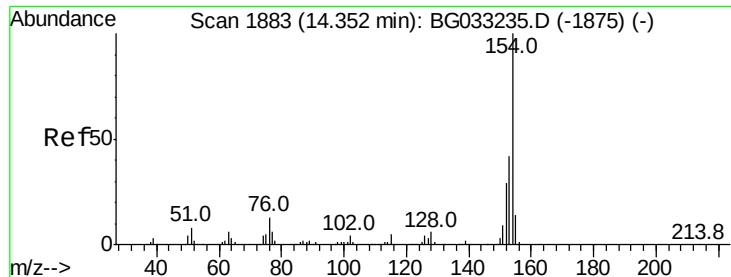
Tot Ion:196 Resp: 126226
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.2 114.4
 97 50.7 38.7 58.1
 132 23.4 20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 93.392 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Tgt Ion:172 Resp: 816802
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.0 19.5 29.3





#45

1,1'-Biphenyl

Concen: 40.143 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

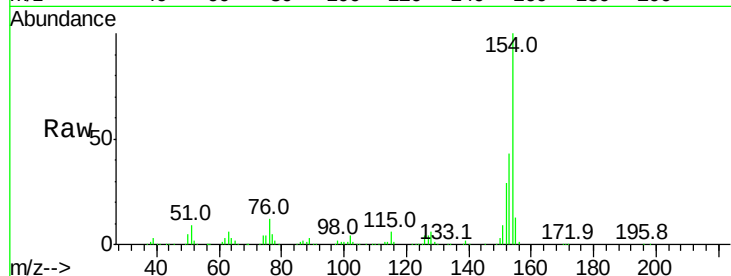
Tot Ion:154 Resp: 389391

Ion Ratio Lower Upper

154 100

153 42.6 19.8 59.8

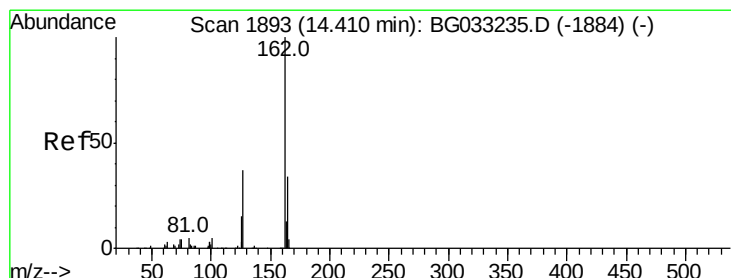
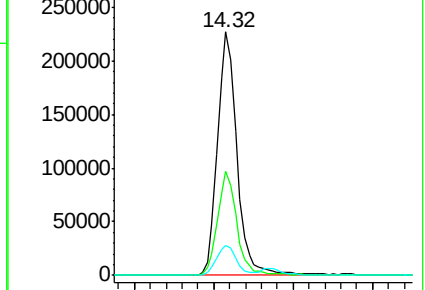
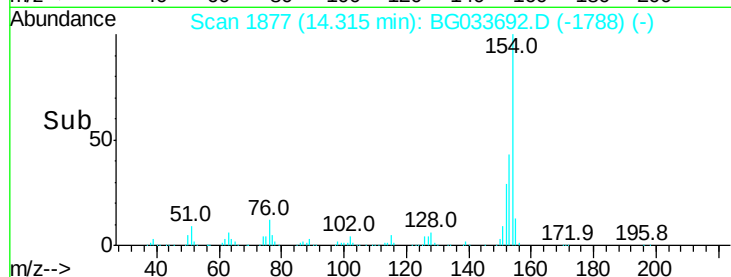
76 12.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.783 ng

RT: 14.37 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

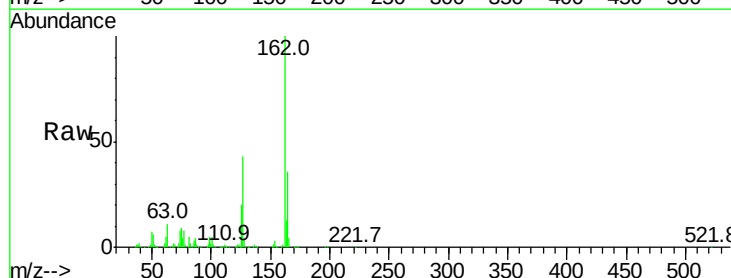
Tgt Ion:162 Resp: 297551

Ion Ratio Lower Upper

162 100

127 42.7 30.7 46.1

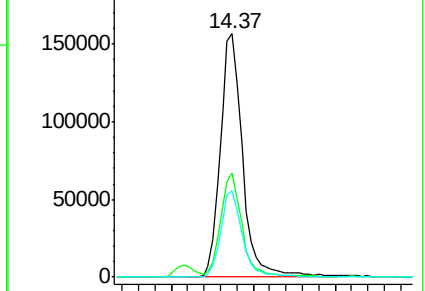
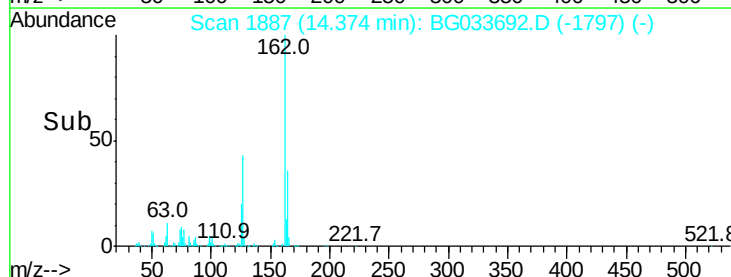
164 35.6 26.0 39.0

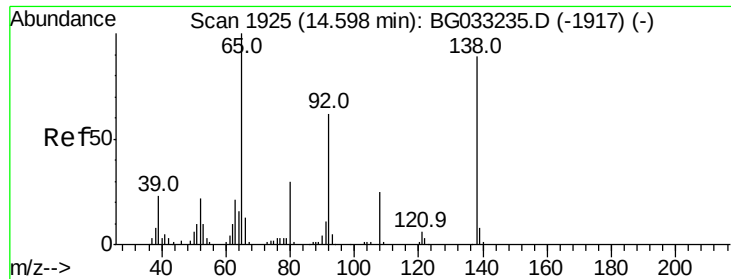


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.064 ng

RT: 14.56 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

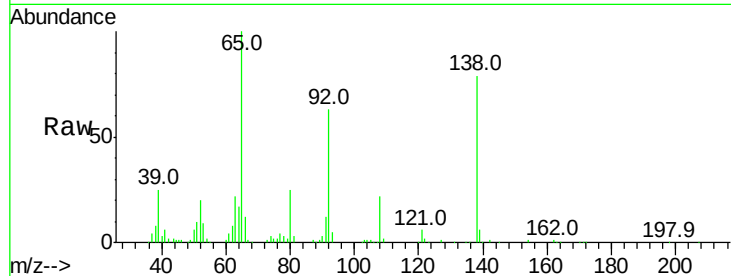
Tot Ion: 65 Resp: 129046

Ion Ratio Lower Upper

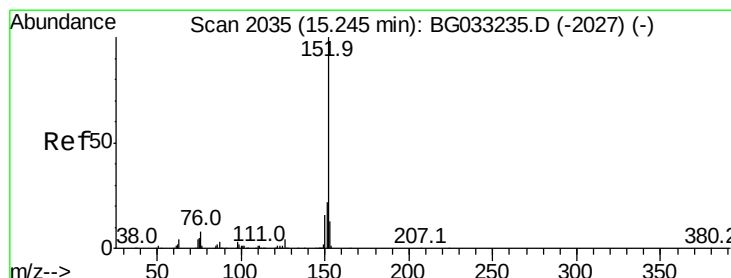
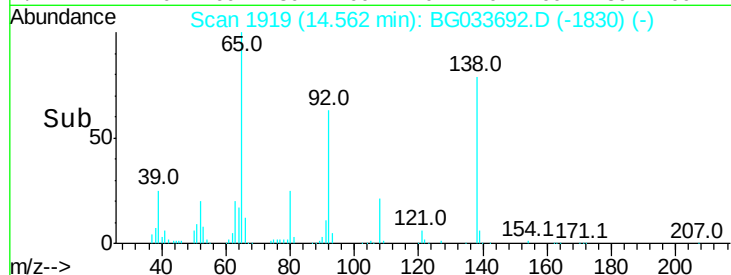
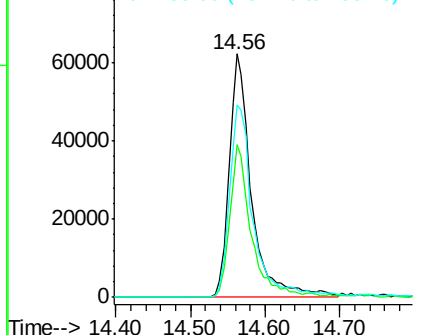
65 100

92 62.5 54.6 82.0

138 79.2 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 39.497 ng

RT: 15.21 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

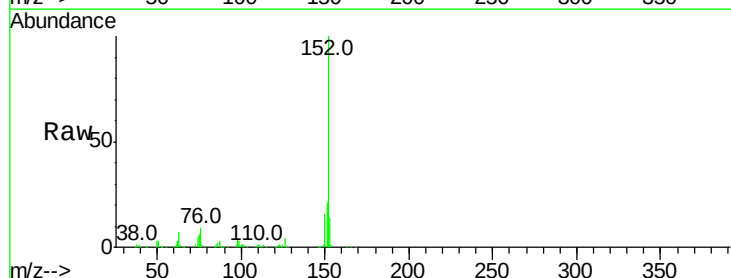
Tgt Ion: 152 Resp: 493104

Ion Ratio Lower Upper

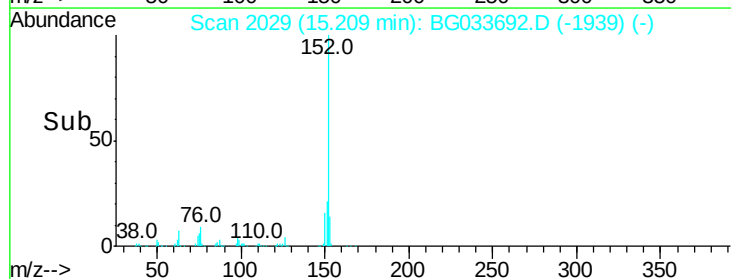
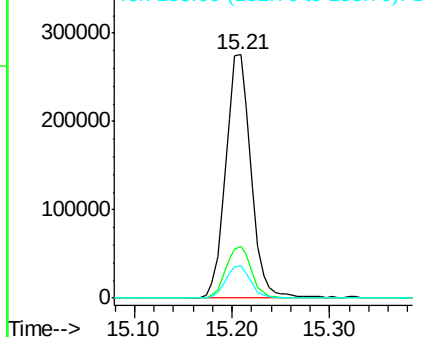
152 100

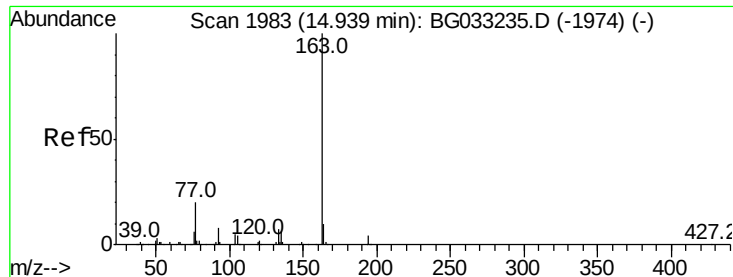
151 21.3 17.2 25.8

153 13.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 39.777 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

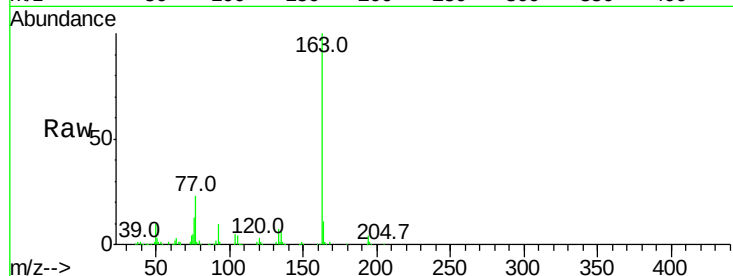
Tot Ion:163 Resp: 437065

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

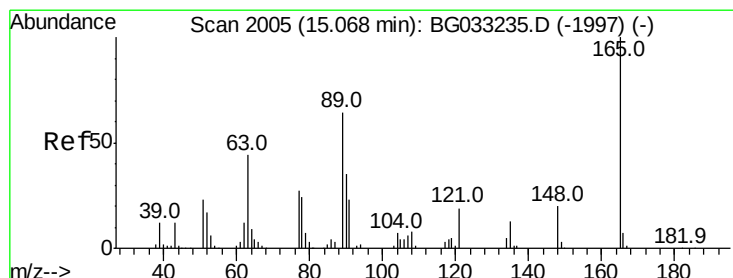
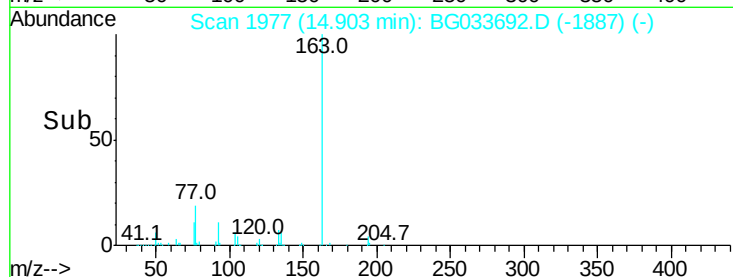
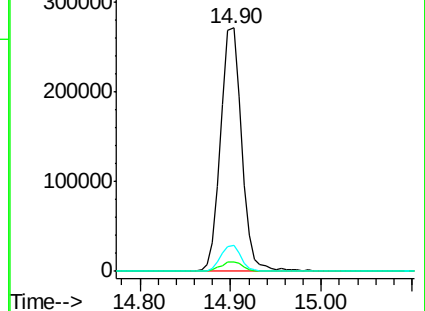
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.597 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

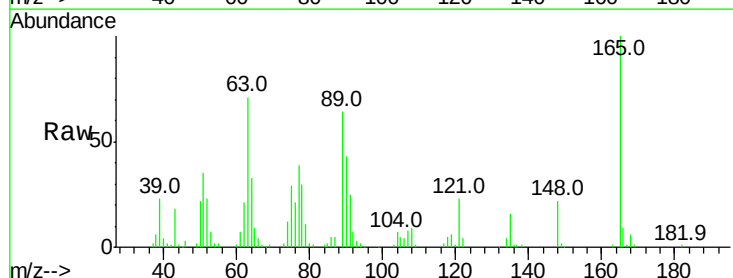
Tgt Ion:165 Resp: 95704

Ion Ratio Lower Upper

165 100

63 71.3 52.7 79.1

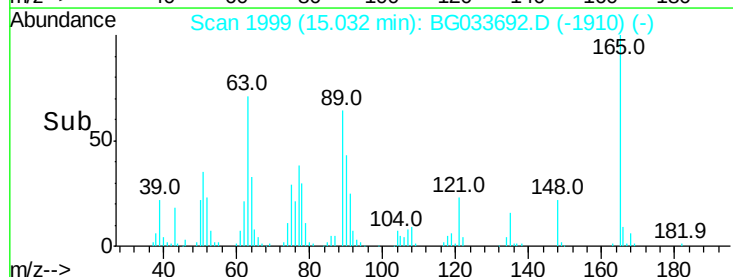
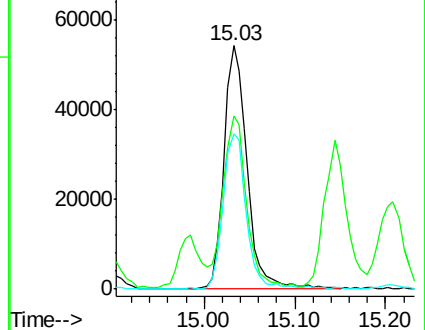
89 63.9 49.2 73.8

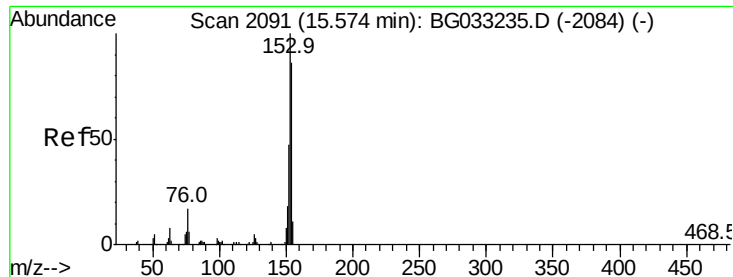


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.677 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

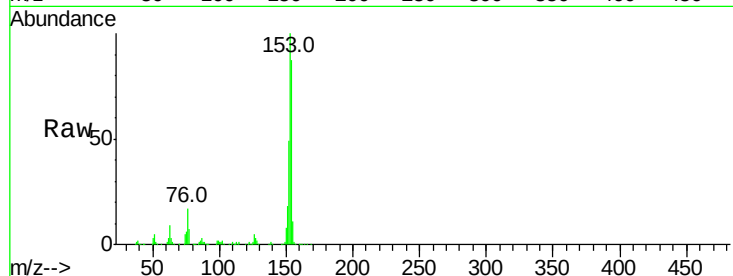
Tot Ion:154 Resp: 351513

Ion Ratio Lower Upper

154 100

153 115.3 90.4 135.6

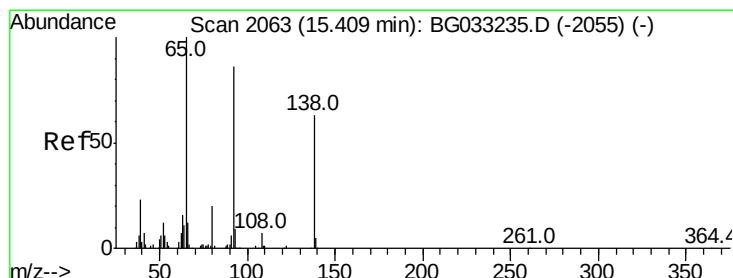
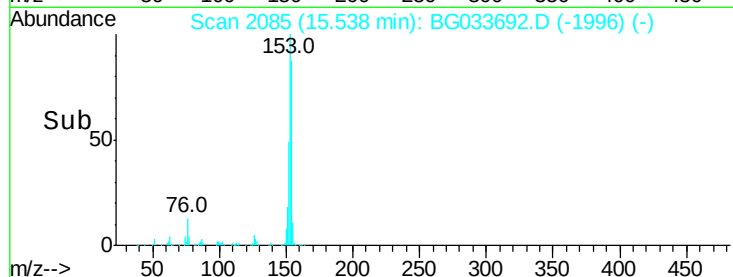
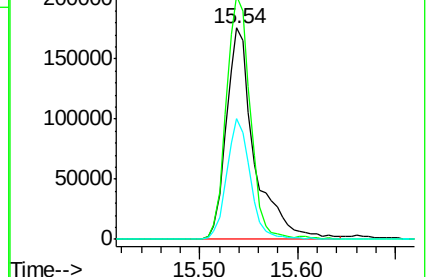
152 57.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.665 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

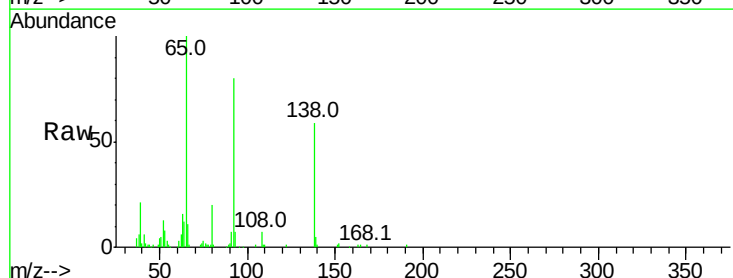
Tgt Ion:138 Resp: 53387

Ion Ratio Lower Upper

138 100

108 12.4 17.5 26.3#

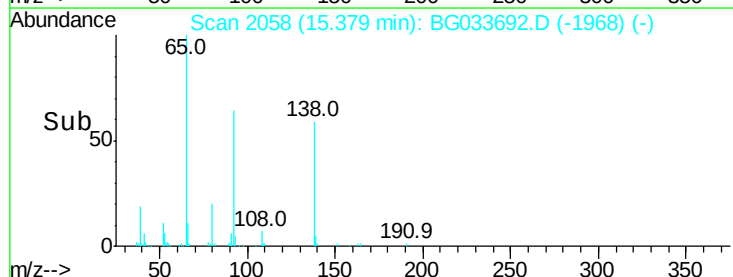
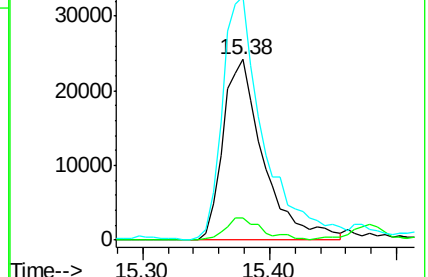
92 134.7 105.8 158.8

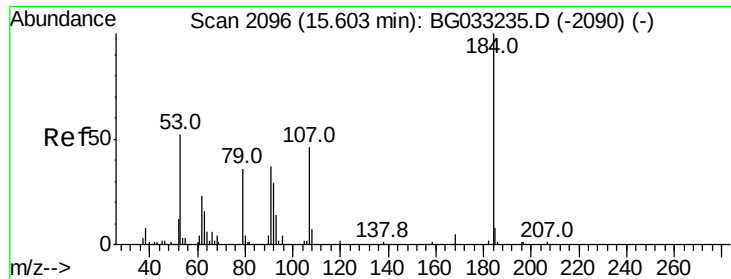


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

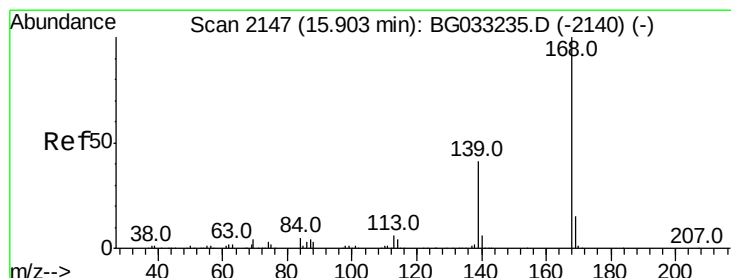
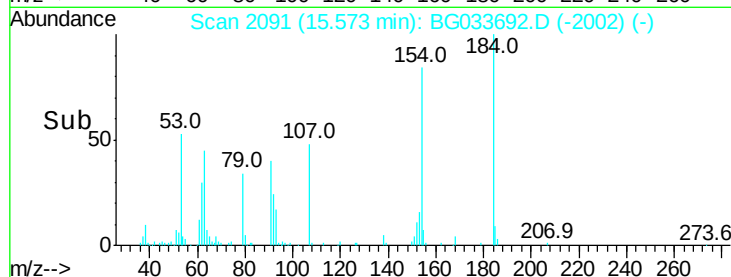
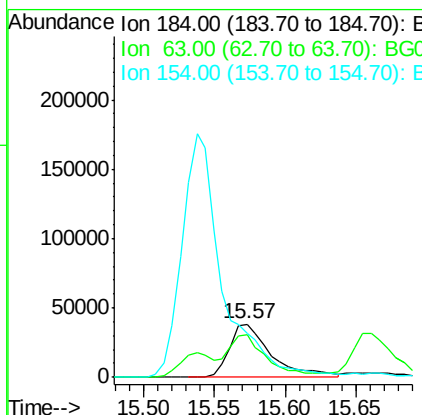
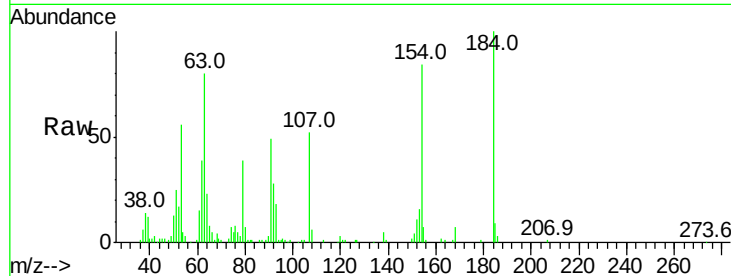




#53
 2,4-Dinitrophenol
 Concen: 68.659 ng
 RT: 15.57 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

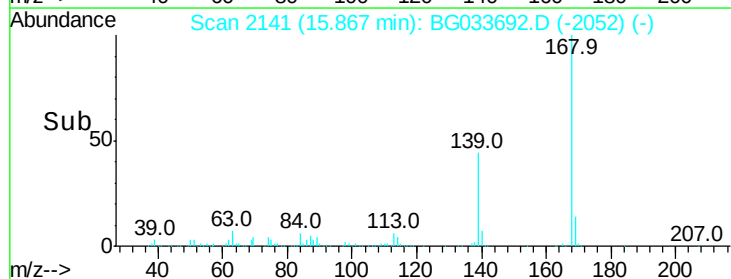
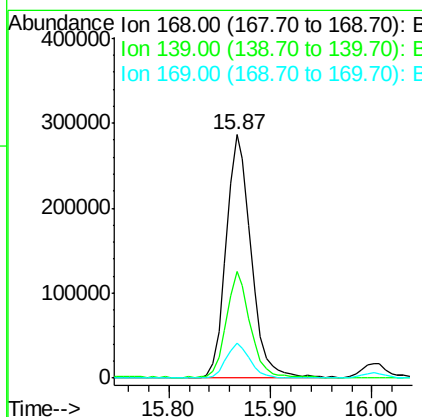
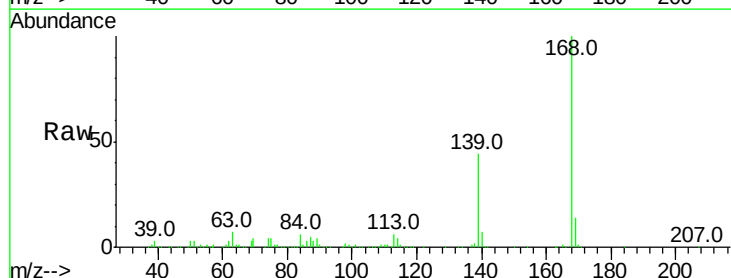
Instrument :
 BNA_G
 ClientSampled :

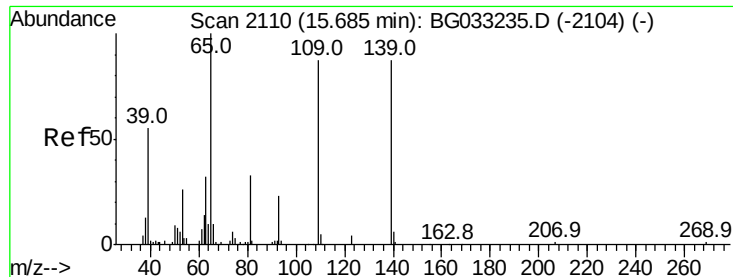
Tot Ion:184 Resp: 78490
 Ion Ratio Lower Upper
 184 100
 63 80.0 59.8 89.8
 154 83.6 101.8 152.8#



#54
 Dibenzofuran
 Concen: 41.239 ng
 RT: 15.87 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Tgt Ion:168 Resp: 490246
 Ion Ratio Lower Upper
 168 100
 139 43.6 28.6 43.0#
 169 14.4 11.2 16.8

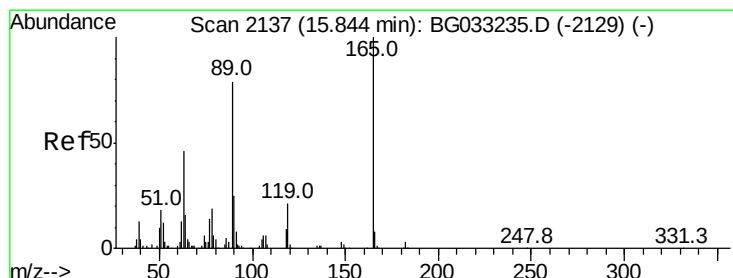
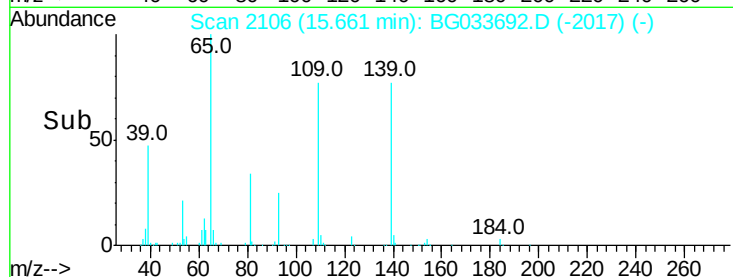
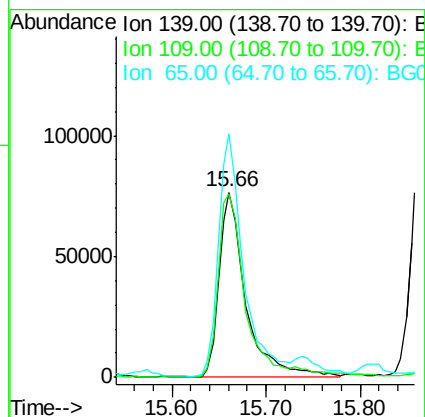
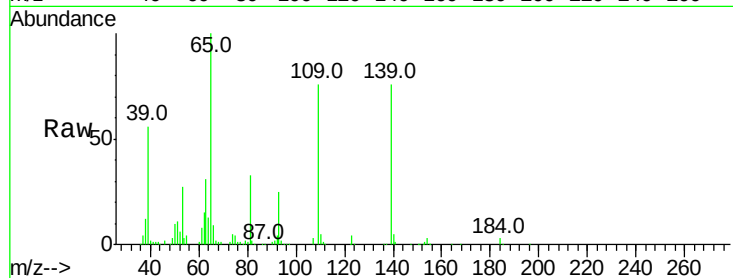




#55
4-Nitrophenol
Concen: 92.373 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

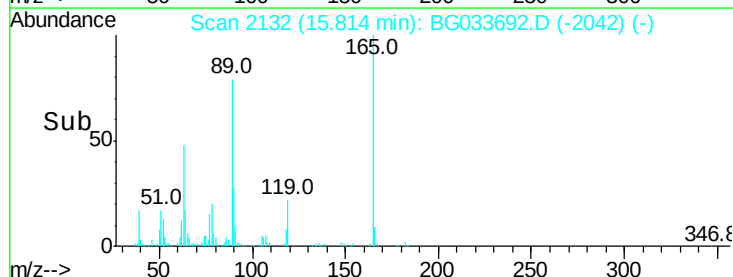
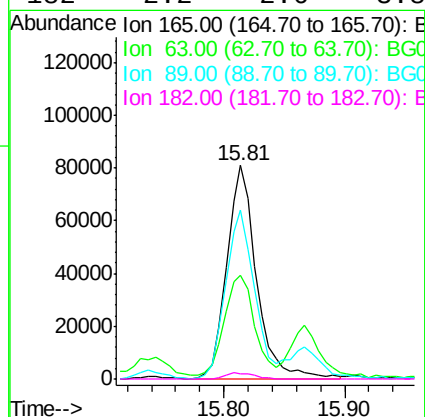
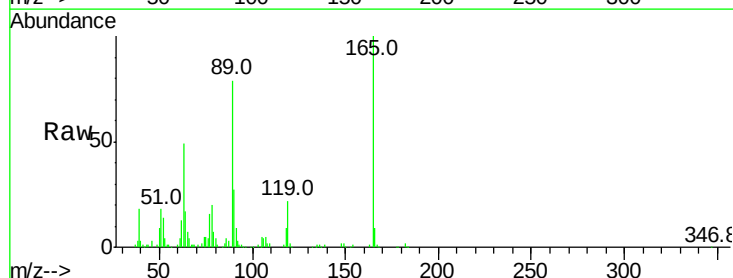
Instrument :
BNA_G
ClientSampleId :

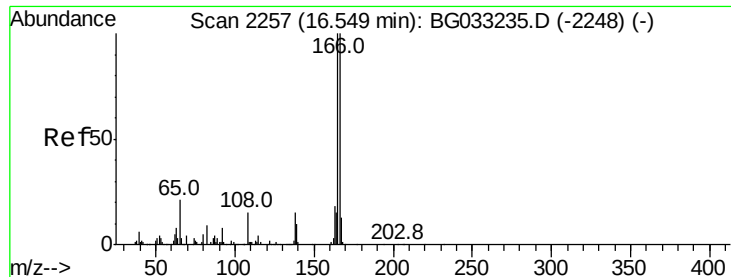
Tot Ion:139 Resp: 152998
Ion Ratio Lower Upper
139 100
109 99.2 62.2 102.2
65 131.4 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 41.739 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Tgt Ion:165 Resp: 138077
Ion Ratio Lower Upper
165 100
63 48.8 42.0 63.0
89 79.1 66.9 100.3
182 2.2 2.6 3.8#

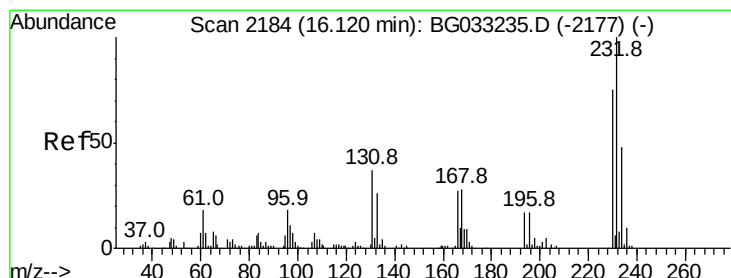
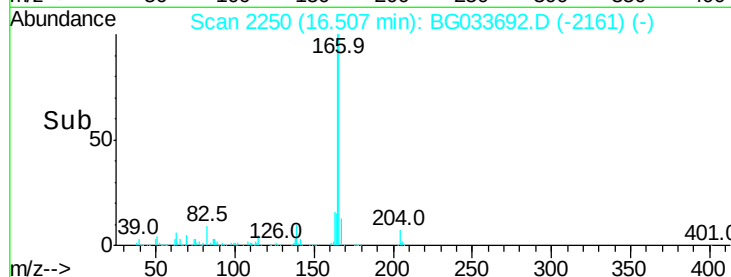
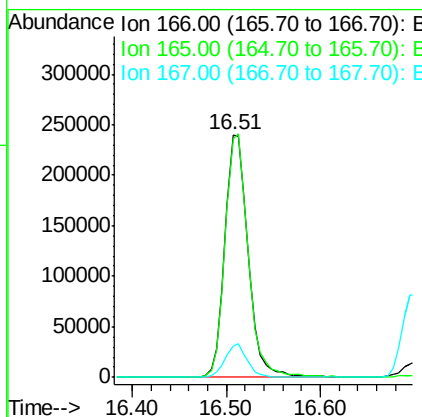
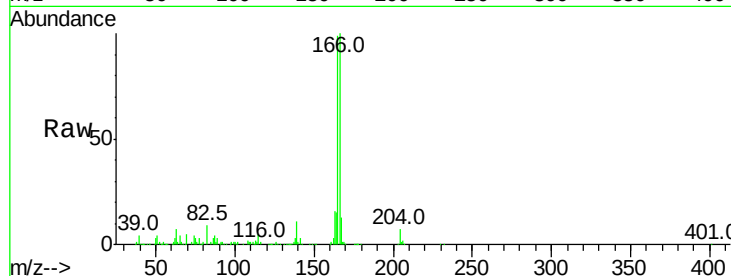




#57
 Fluorene
 Concen: 40.869 ng
 RT: 16.51 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

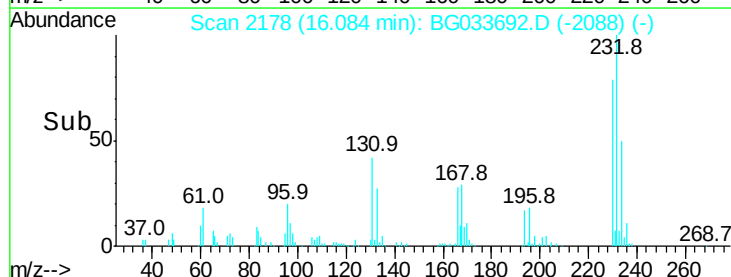
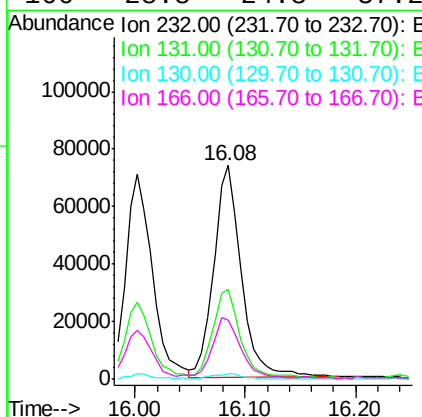
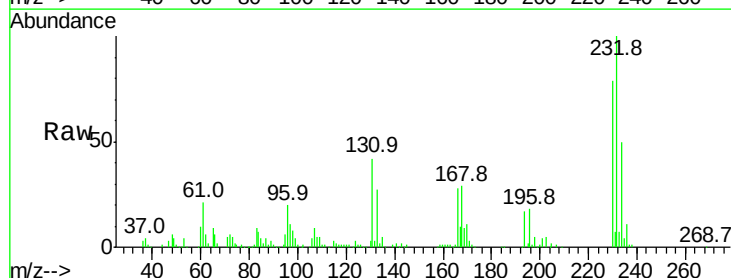
Instrument :
 BNA_G
 ClientSampleId :

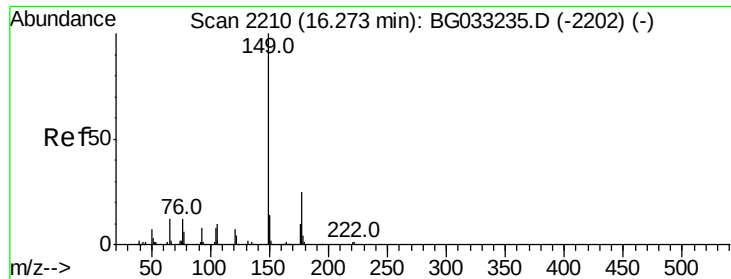
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.6	121.0
167	12.9	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.033 ng
 RT: 16.08 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.5	50.3
130	2.7	2.2	3.2
166	28.8	24.8	37.2

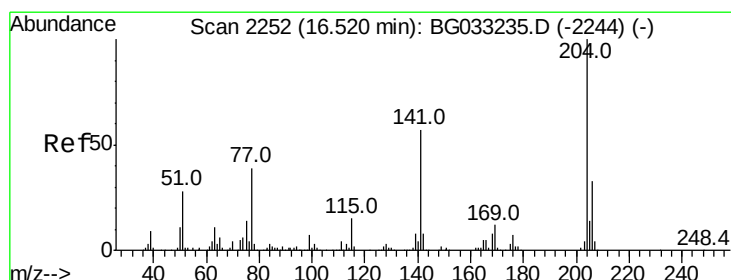
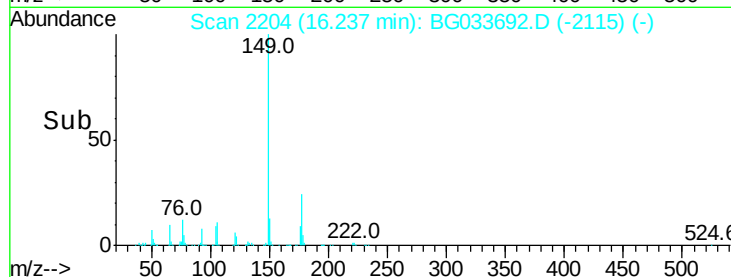
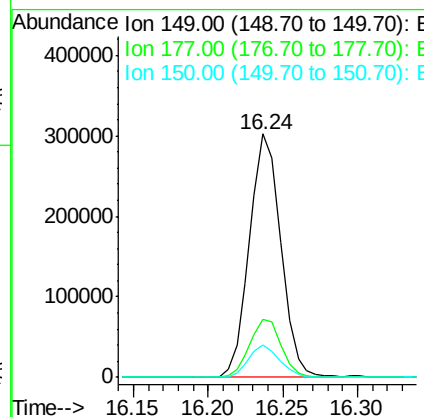
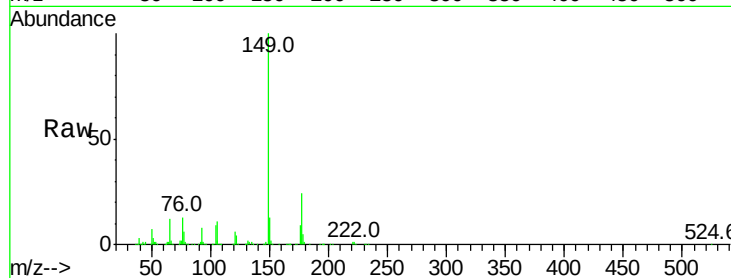




#59
Diethylphthalate
Concen: 41.156 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

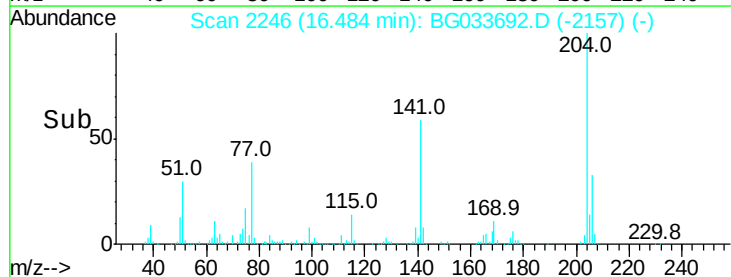
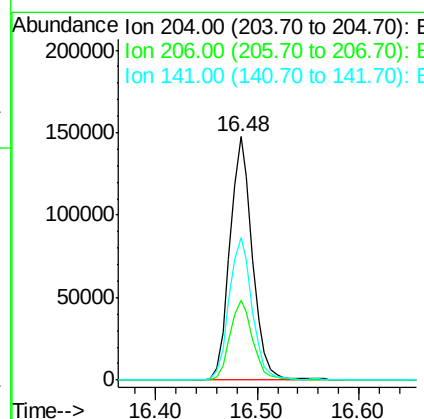
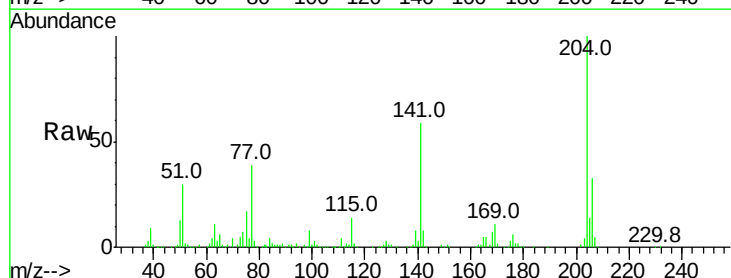
Instrument :
BNA_G
ClientSampleId :

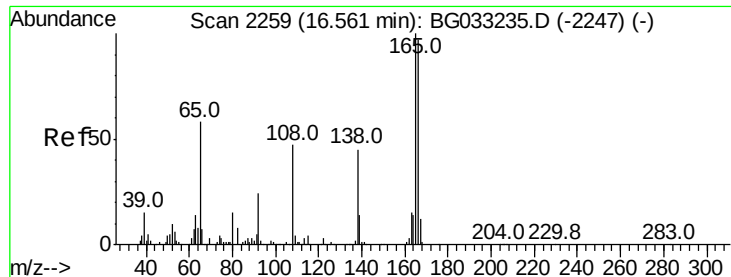
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.5	27.7
150	13.3	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.026 ng
RT: 16.48 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	58.6	45.8	68.6

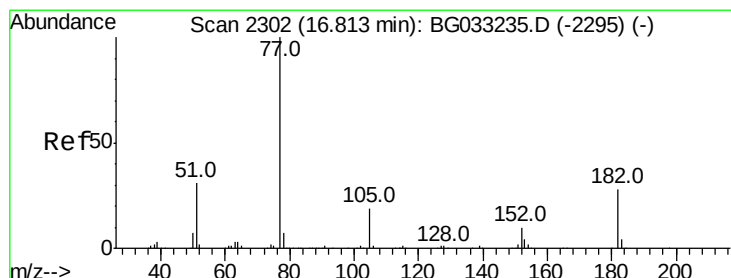
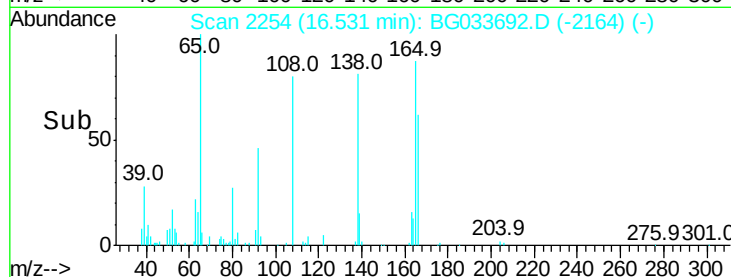
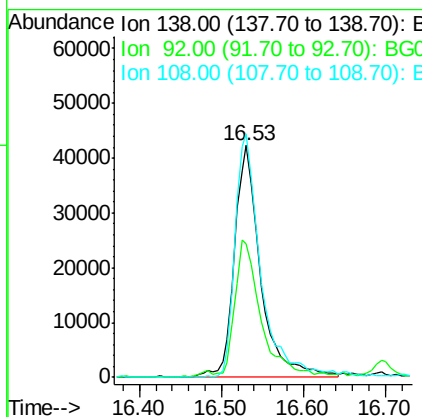
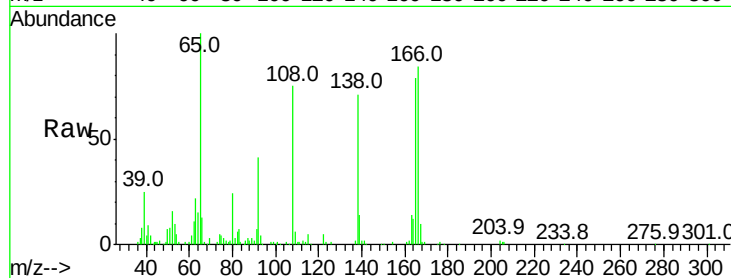




#61
4-Nitroaniline
Concen: 39.544 ng
RT: 16.53 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

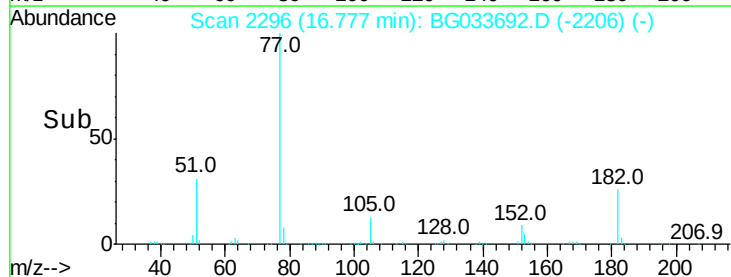
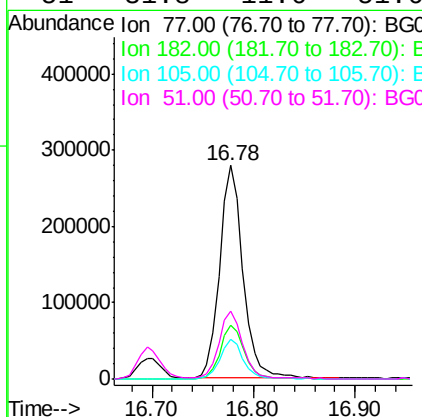
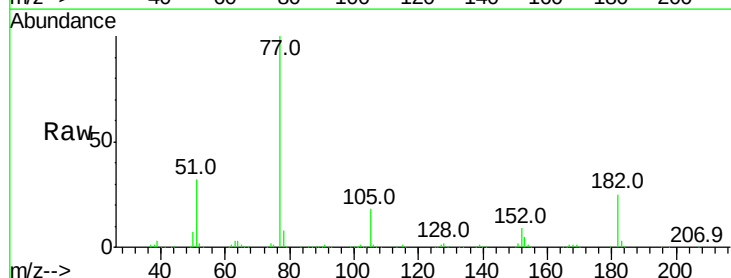
Instrument :
BNA_G
ClientSampled :

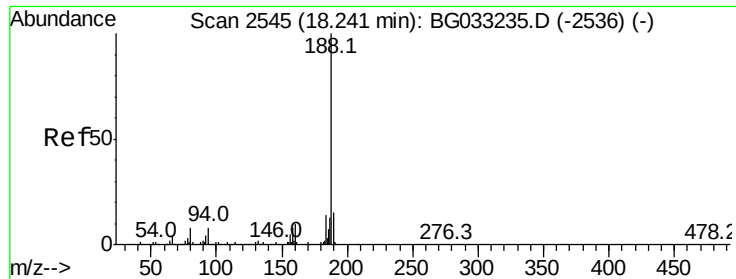
Tot Ion:138 Resp: 94324
Ion Ratio Lower Upper
138 100
92 57.6 40.1 80.1
108 105.0 65.4 105.4



#62
Azobenzene
Concen: 42.982 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Tgt Ion: 77 Resp: 444241
Ion Ratio Lower Upper
77 100
182 25.5 7.4 47.4
105 18.3 0.3 40.3
51 31.8 11.6 51.6

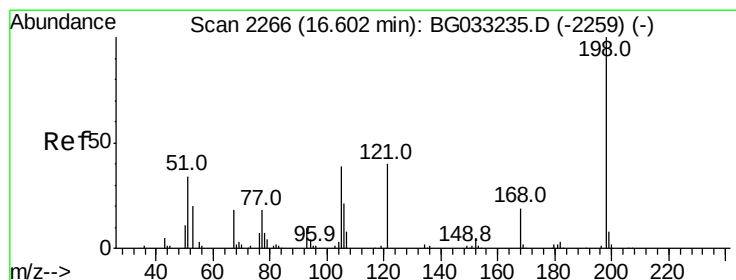
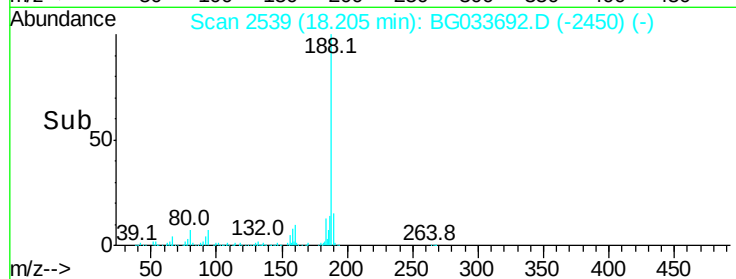
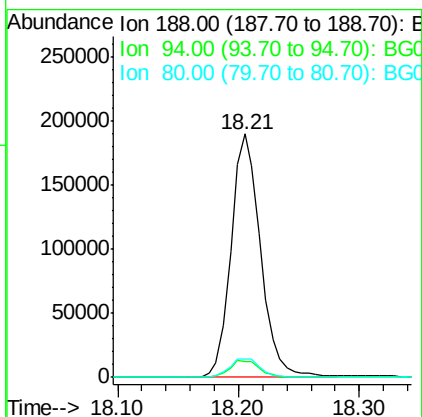
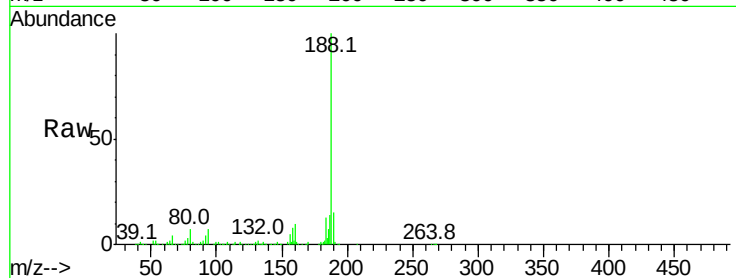




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

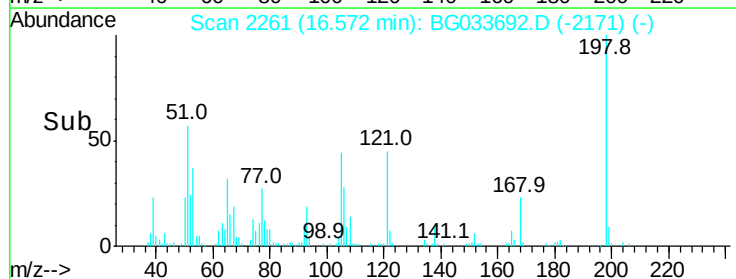
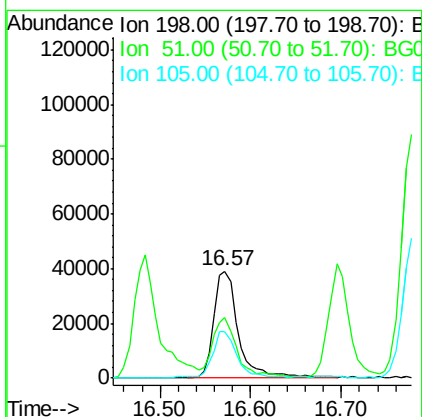
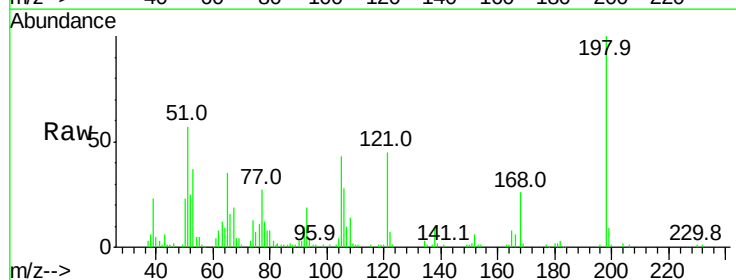
Instrument :
BNA_G
ClientSampled :

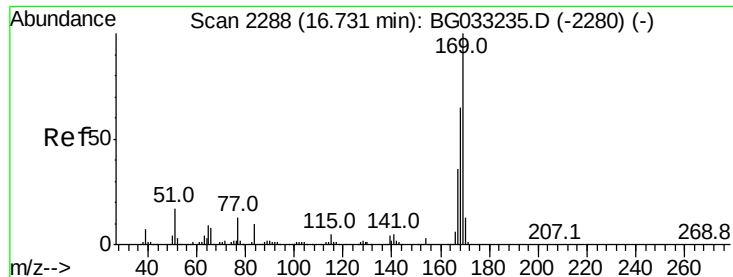
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.5	7.7	11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 38.181 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.7	30.6	70.6
105	43.4	23.8	63.8

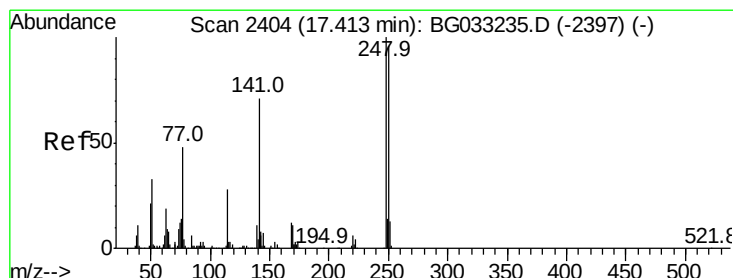
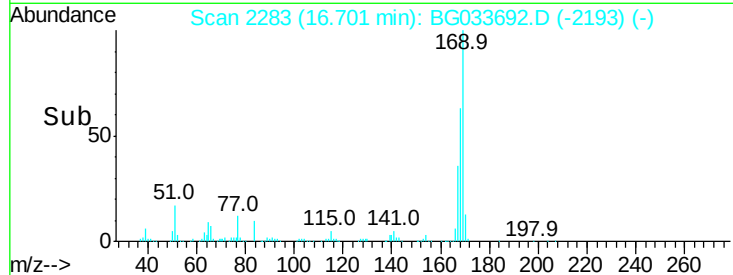
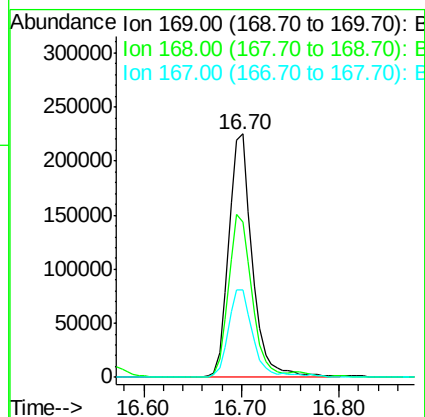
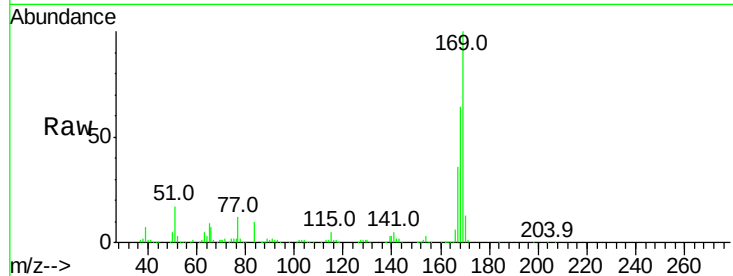




#65
 n-Nitrosodiphenylamine
 Concen: 41.027 ng
 RT: 16.70 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

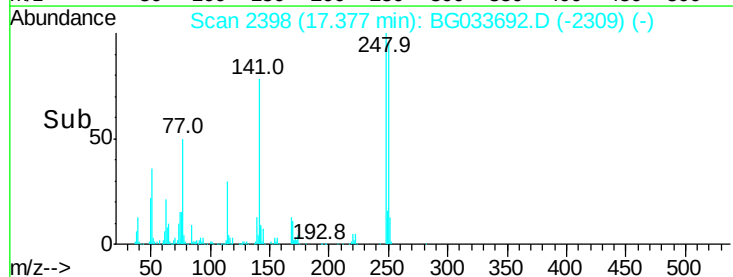
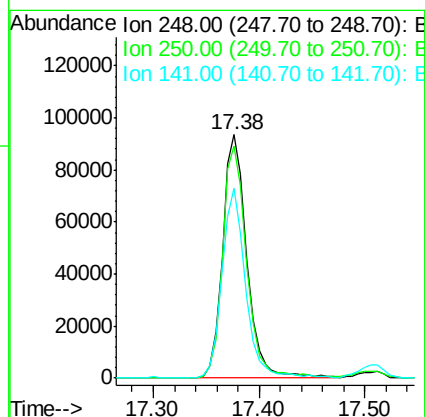
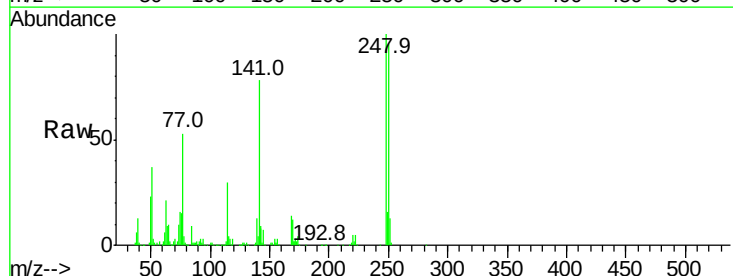
Instrument :
 BNA_G
 ClientSampleId :

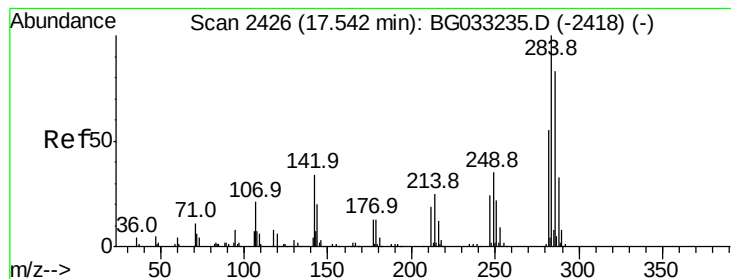
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.6	55.7	83.5
167	36.1	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 39.279 ng
 RT: 17.38 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.1	115.7
141	78.2	50.8	76.2





#67

Hexachlorobenzene

Concen: 38.902 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

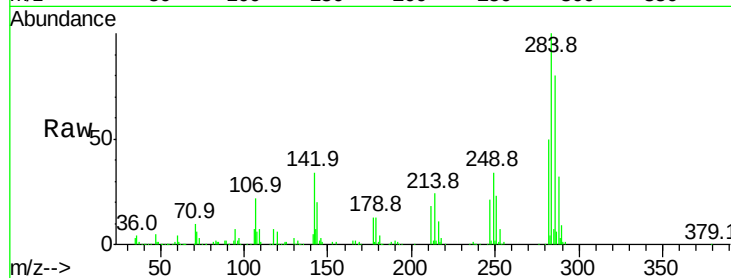
Tot Ion:284 Resp: 155739

Ion Ratio Lower Upper

284 100

142 34.4 26.8 40.2

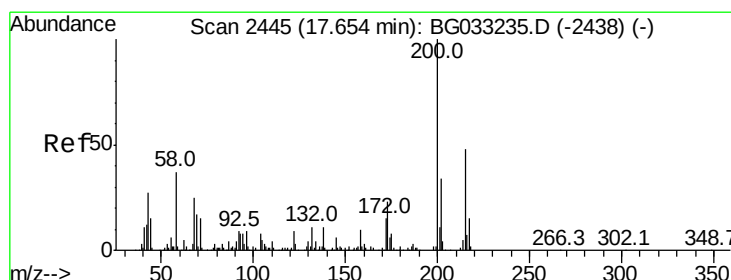
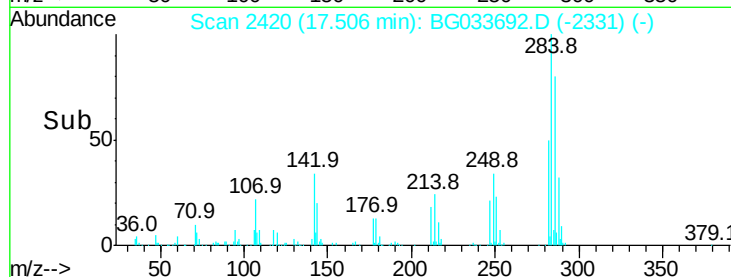
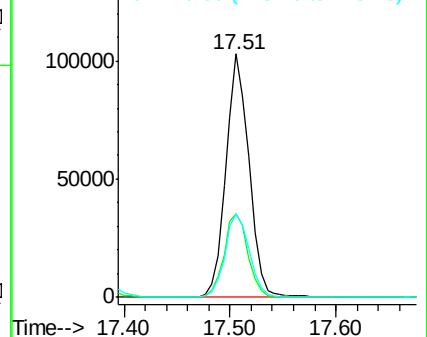
249 34.2 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.528 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

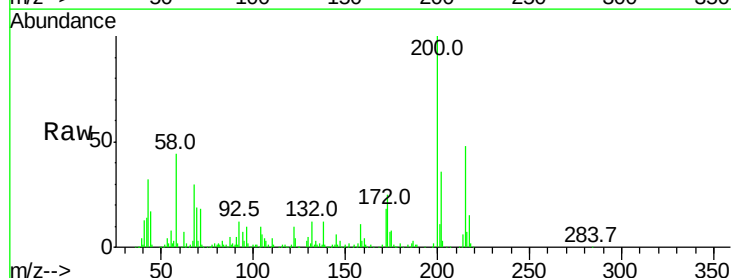
Tgt Ion:200 Resp: 162649

Ion Ratio Lower Upper

200 100

173 25.3 5.2 45.2

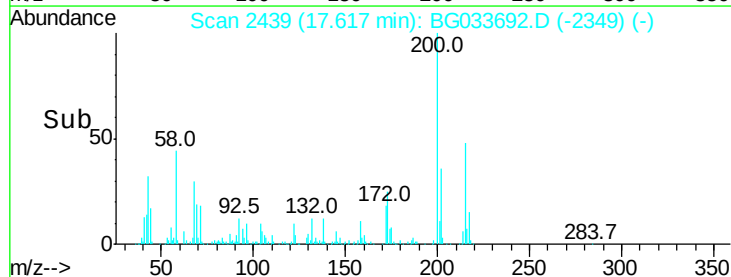
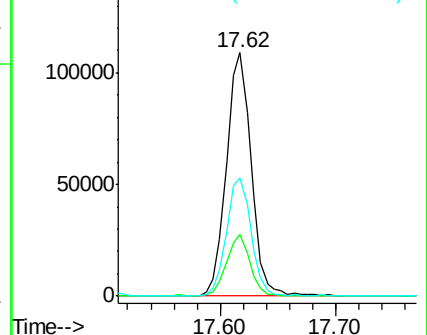
215 48.5 30.4 70.4

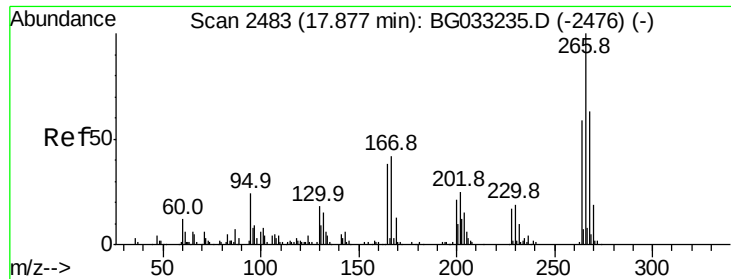


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

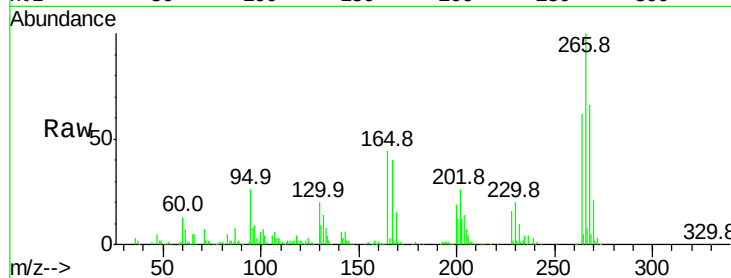




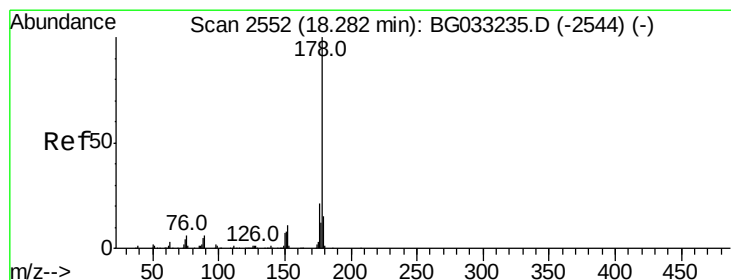
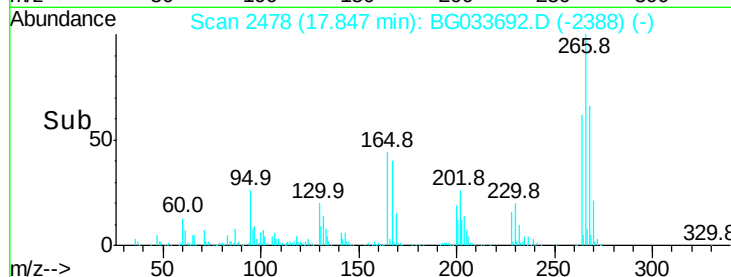
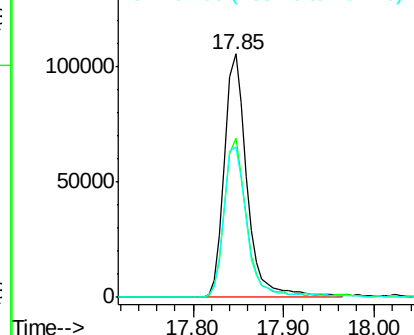
#69
 Pentachlorophenol
 Concen: 66.687 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 183239
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.1 76.7
 264 61.6 49.6 74.4

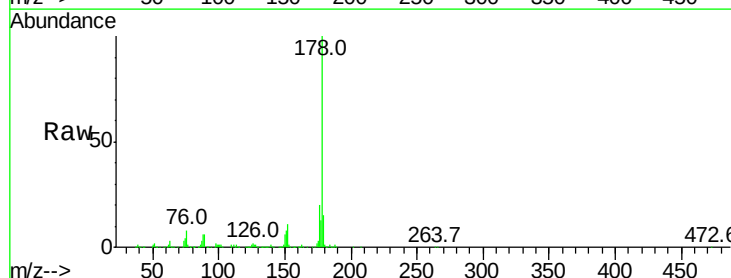


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

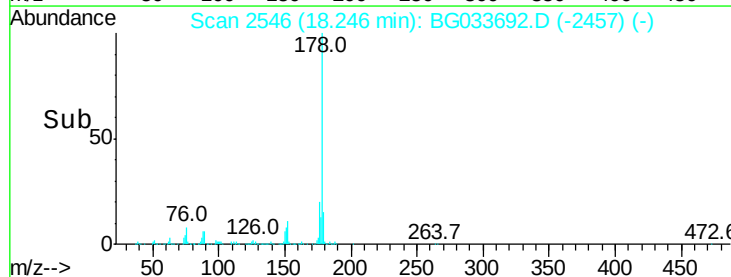
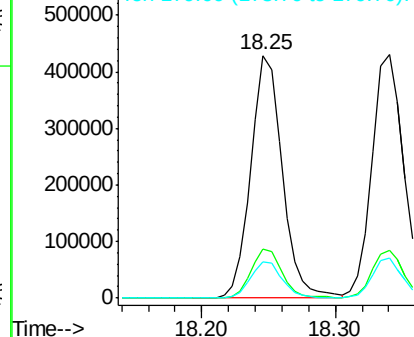


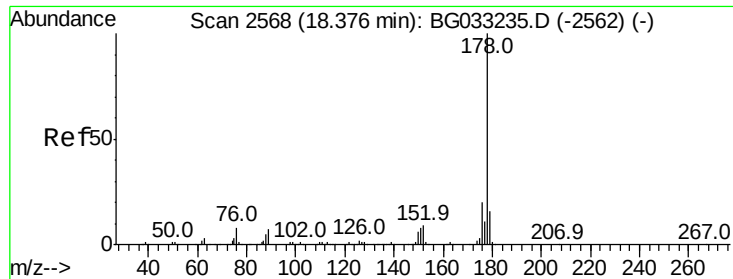
#70
 Phenanthrene
 Concen: 41.475 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Tgt Ion:178 Resp: 697683
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.7 23.5
 179 14.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

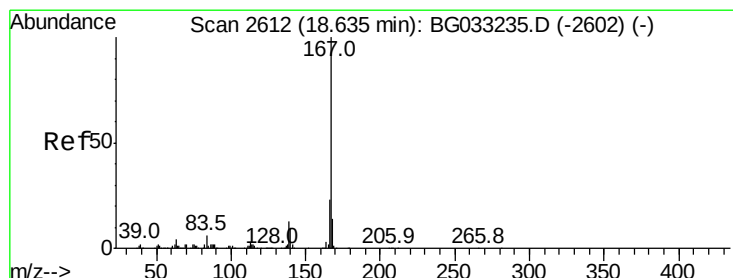
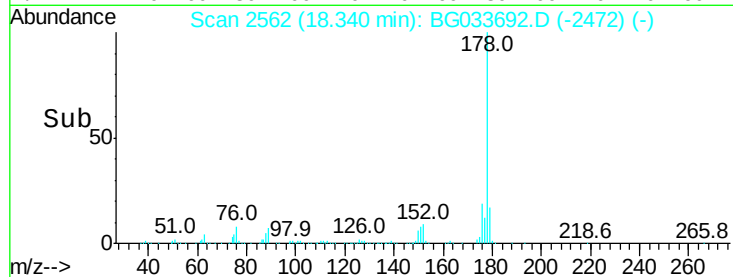
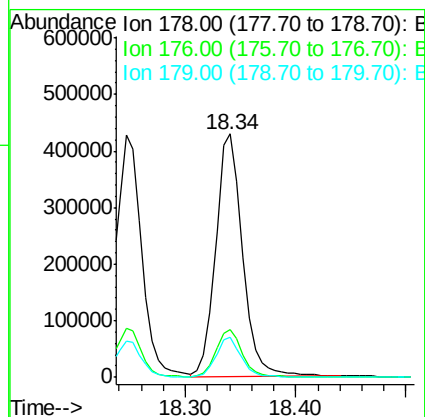
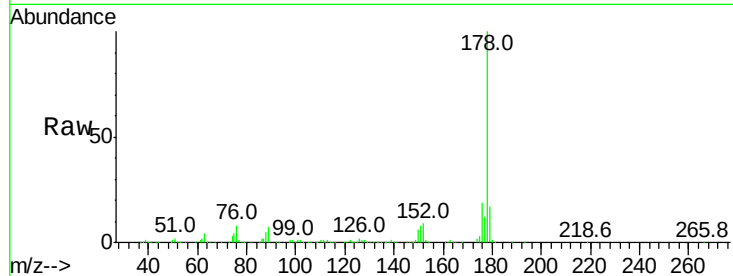




#71
 Anthracene
 Concen: 42.416 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. -0.00 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

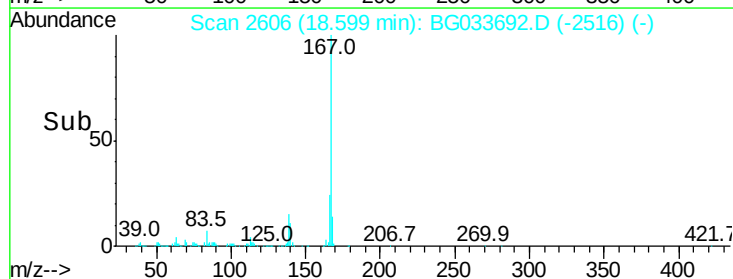
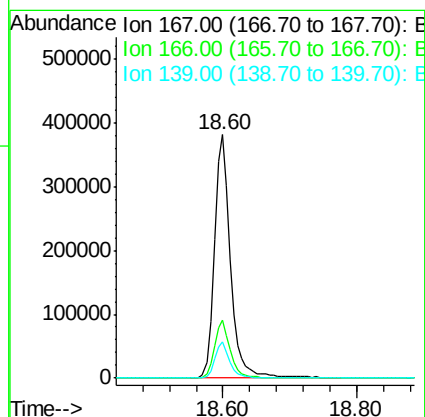
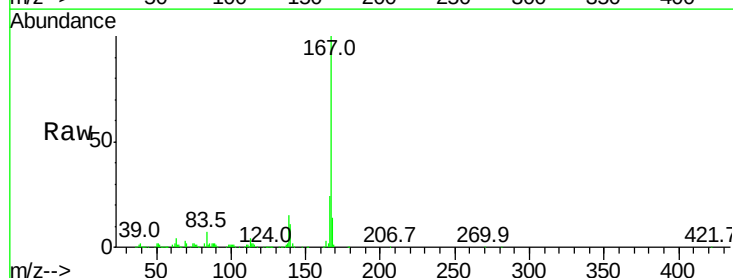
Instrument :
 BNA_G
 ClientSampleId :

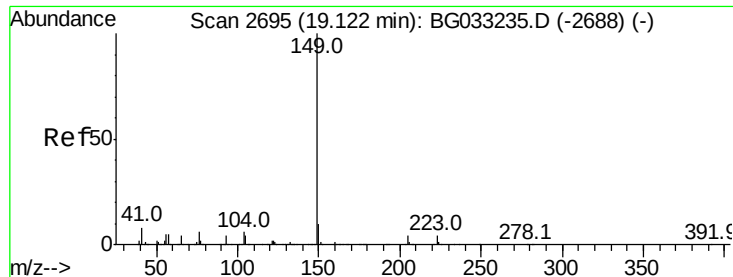
Tot Ion:178 Resp: 722465
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 42.788 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Tgt Ion:167 Resp: 645813
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.2 27.4
 139 14.7 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 44.586 ng

RT: 19.09 min Scan# 2689

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

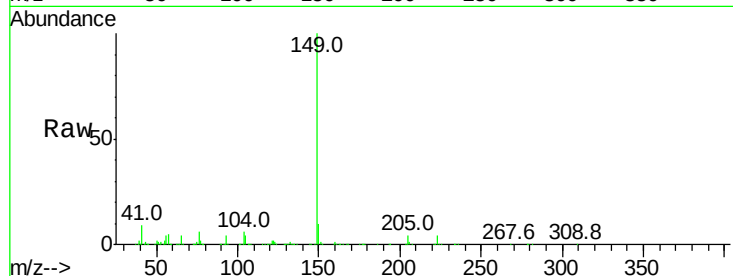
Tot Ion:149 Resp: 783285

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

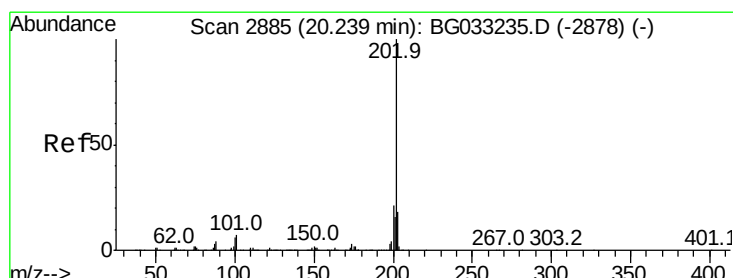
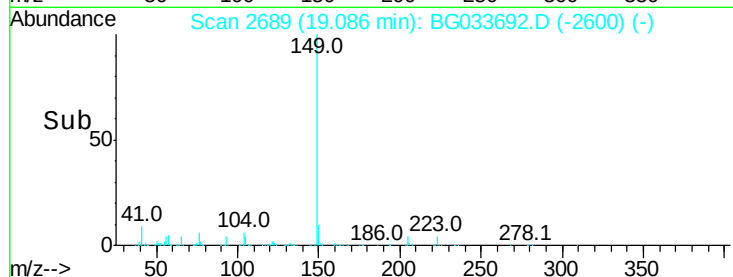
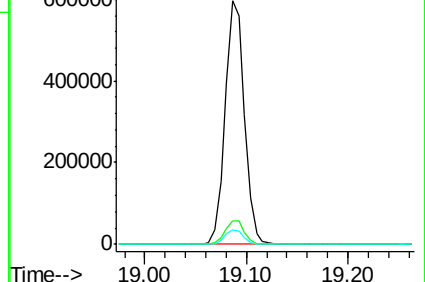
104 6.1 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.479 ng

RT: 20.20 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

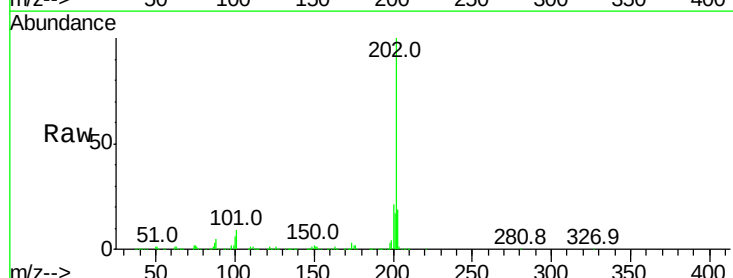
Tgt Ion:202 Resp: 884291

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.9

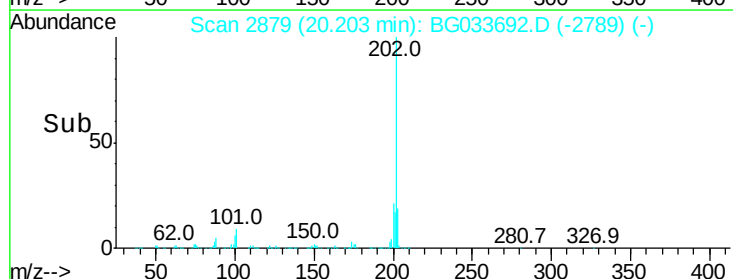
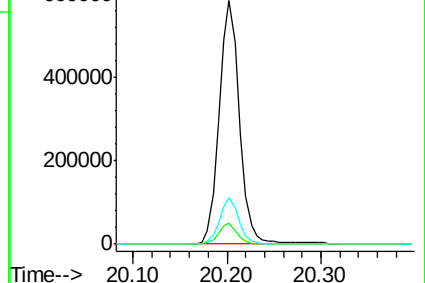
203 19.2 0.0 37.5

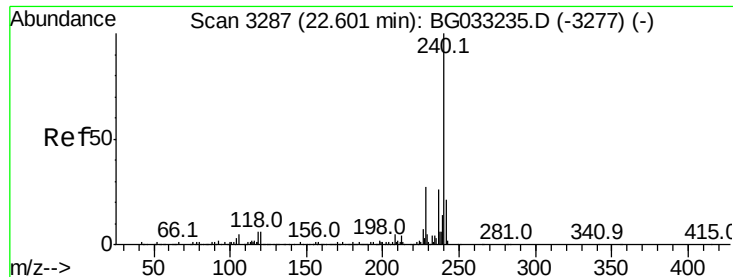


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

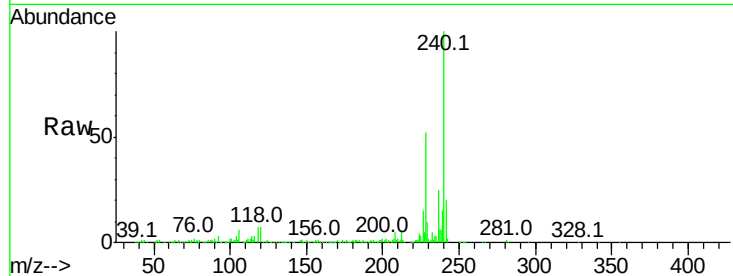
Tot Ion:240 Resp: 326585

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

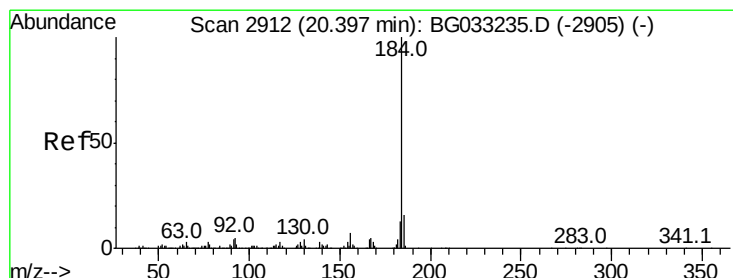
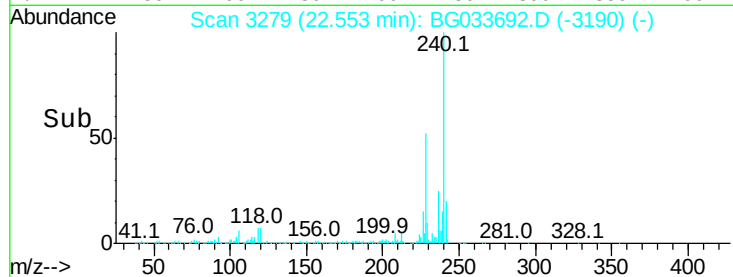
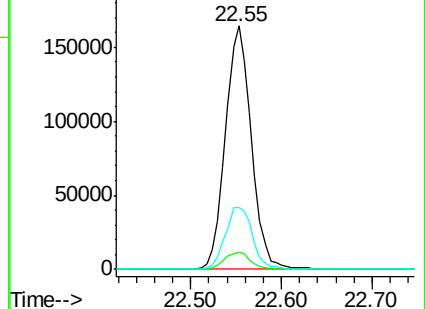
236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.735 ng

RT: 20.36 min Scan# 2906

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

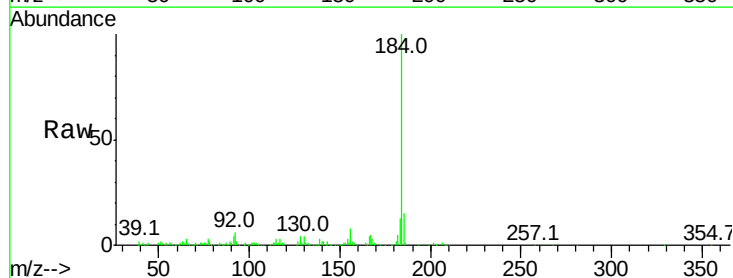
Tgt Ion:184 Resp: 236779

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

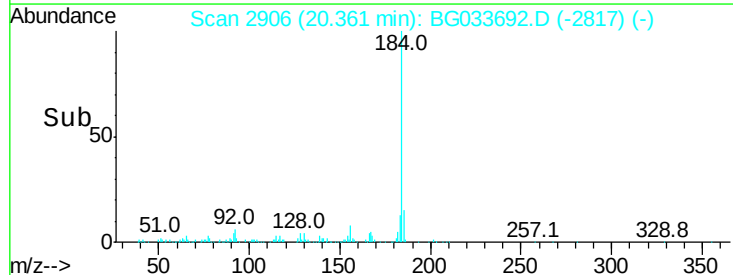
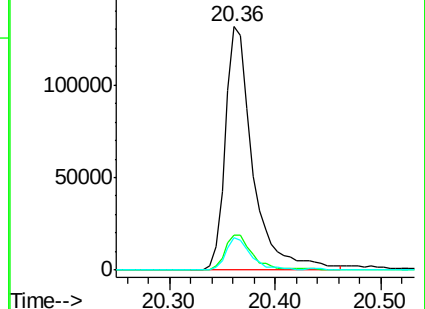
183 13.3 10.6 16.0

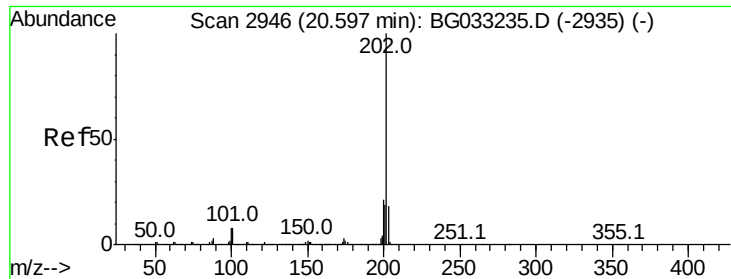


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

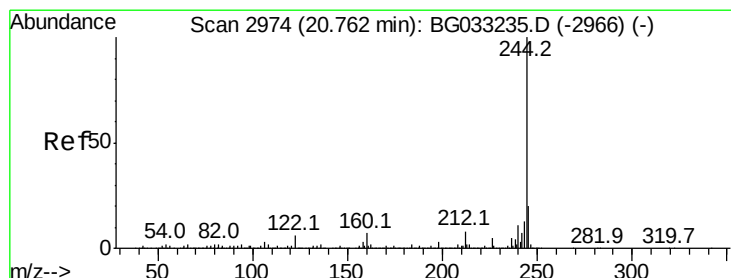
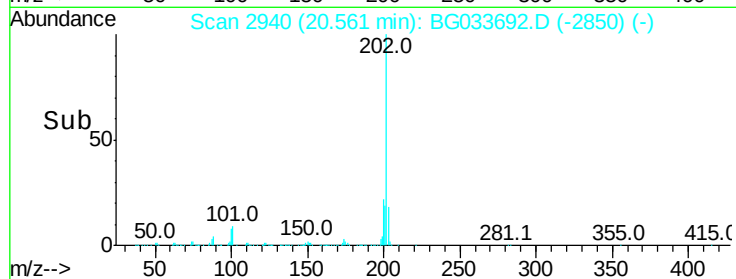
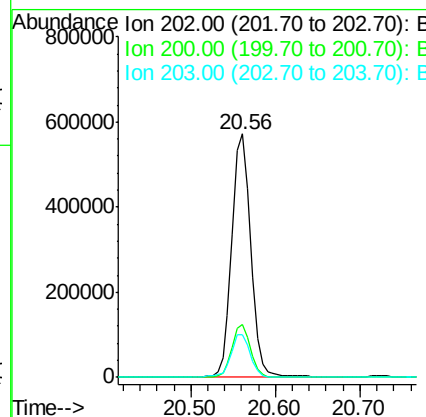
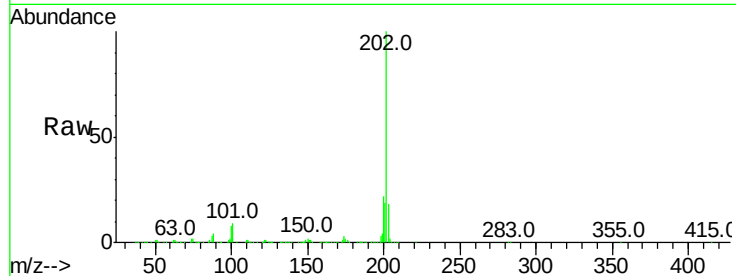




#77
Pvrene
Concen: 40.524 ng
RT: 20.56 min Scan# 2940
Delta R.T. -0.00 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

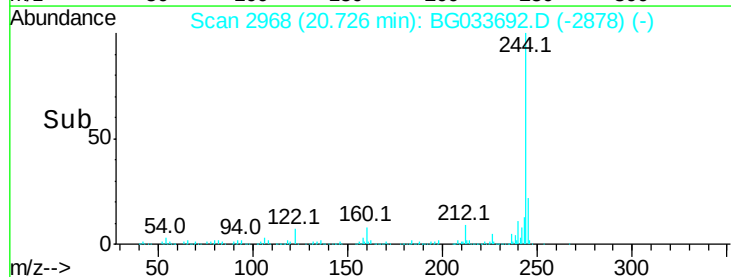
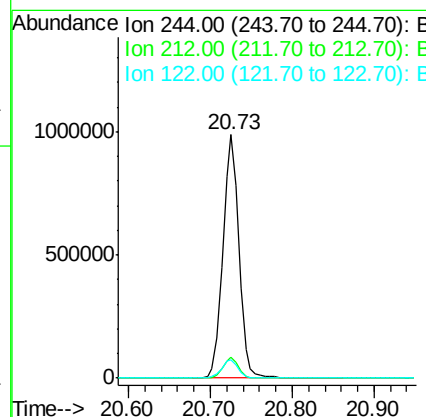
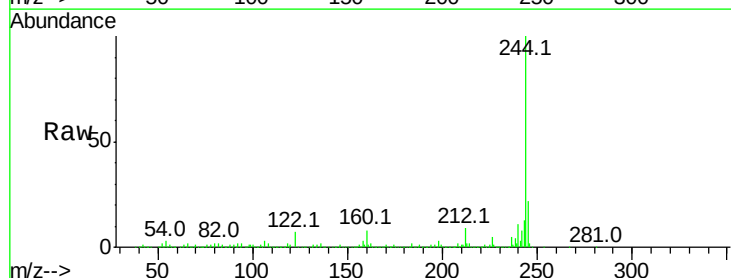
Instrument :
BNA_G
ClientSampleId :

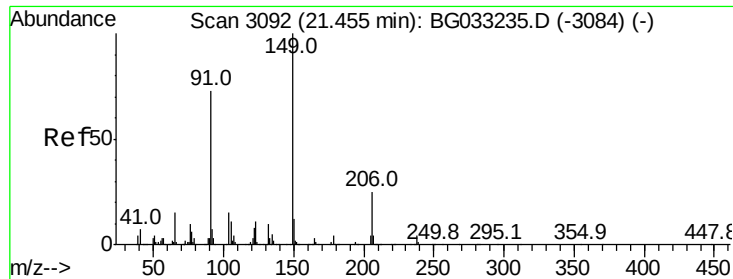
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	17.8	13.9	20.9



#78
Terphenyl-d14
Concen: 88.800 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8
122	7.4	7.0	10.4

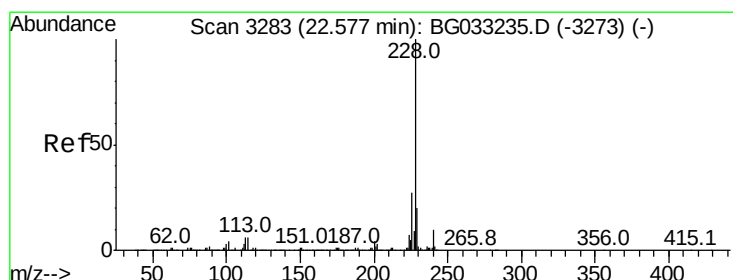
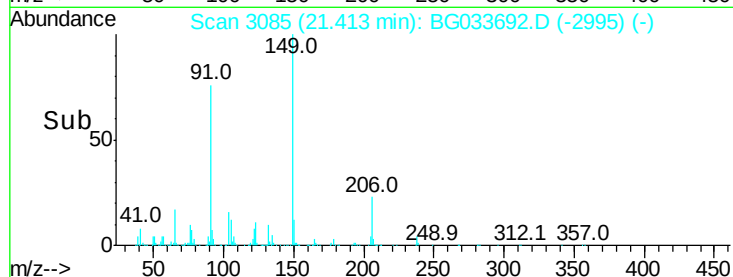
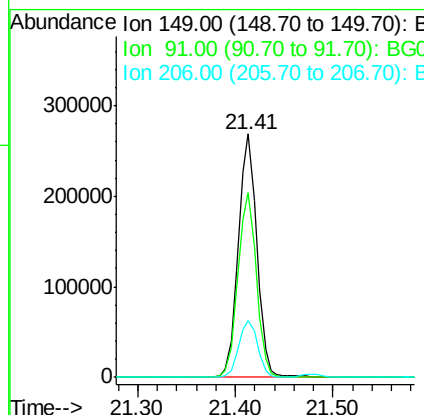
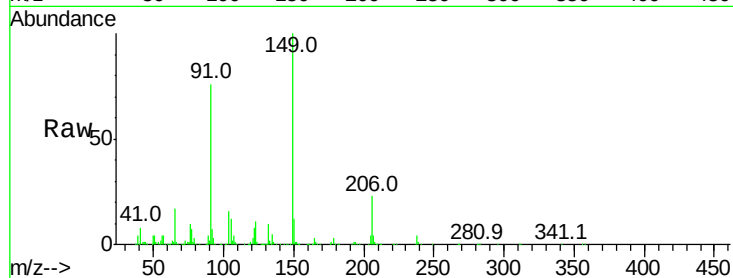




#79
Butylbenzylphthalate
Concen: 44.279 ng
RT: 21.41 min Scan# 3085
Delta R.T. -0.00 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

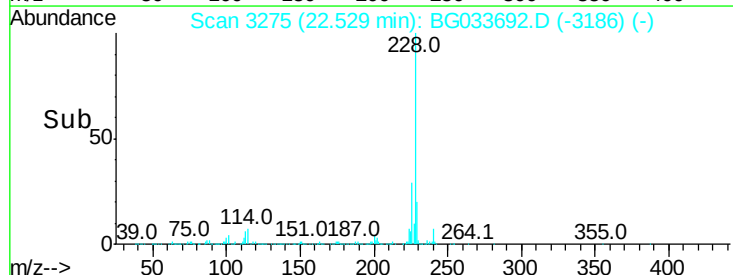
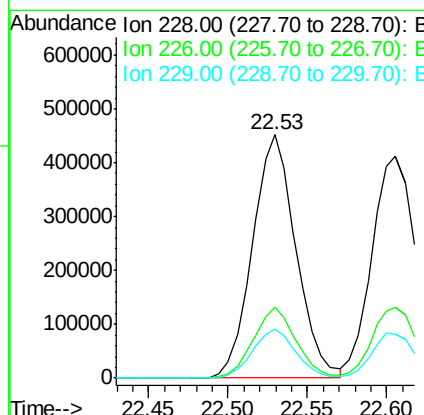
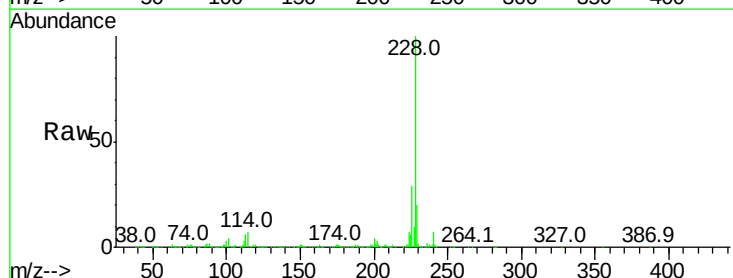
Instrument :
BNA_G
ClientSampleId :

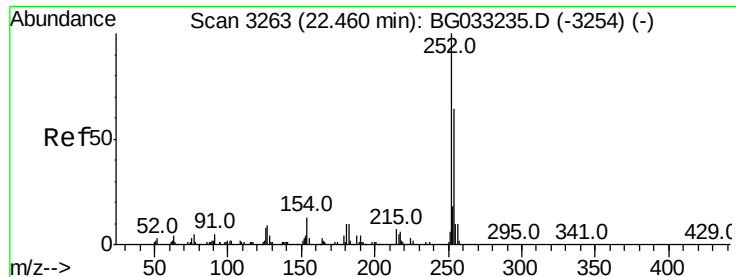
Tot Ion:149 Resp: 355909
Ion Ratio Lower Upper
149 100
91 75.8 62.2 93.2
206 23.3 18.6 27.8



#80
Benzo(a)anthracene
Concen: 41.373 ng
RT: 22.53 min Scan# 3275
Delta R.T. -0.01 min
Lab File: BG033692.D
Acq: 9 Apr 2018 23:32

Tgt Ion:228 Resp: 860374
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 20.0 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 23.505 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

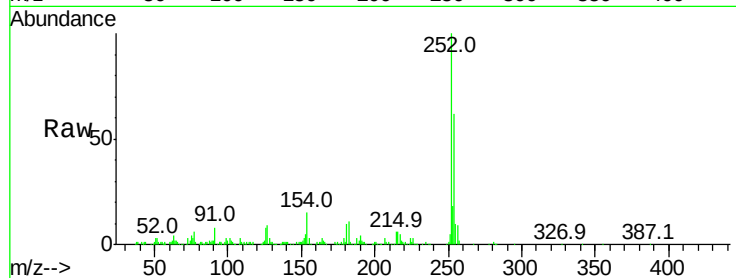
Tot Ion:252 Resp: 173941

Ion Ratio Lower Upper

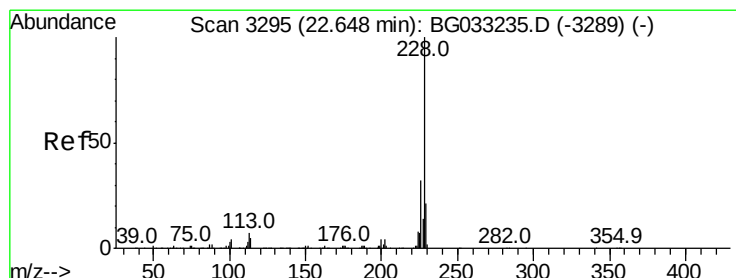
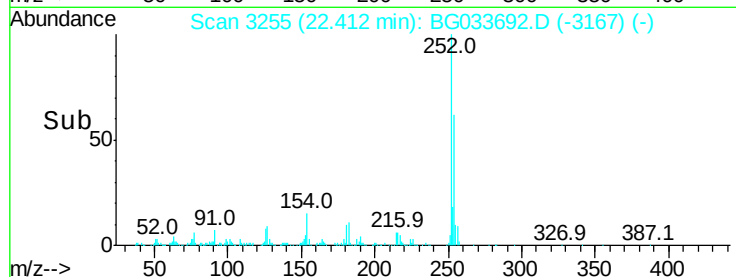
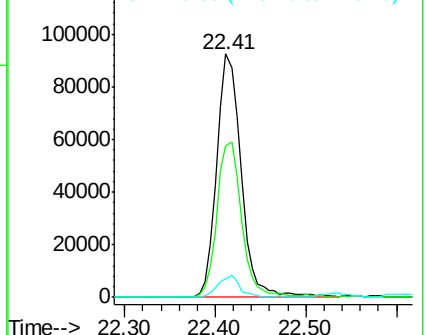
252 100

254 62.2 50.8 76.2

126 7.8 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.430 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

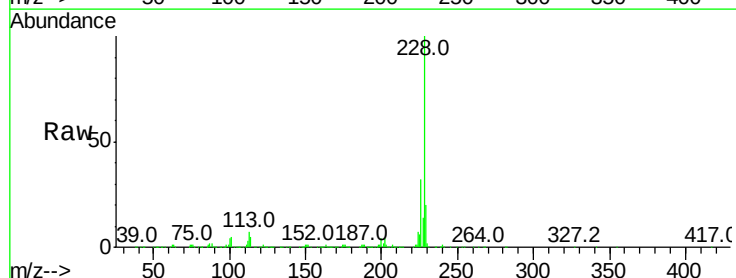
Tgt Ion:228 Resp: 813853

Ion Ratio Lower Upper

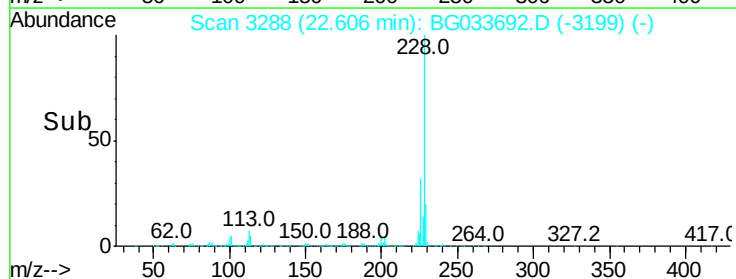
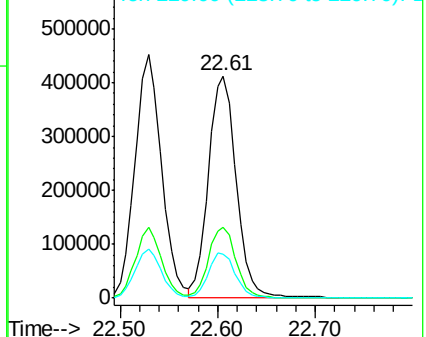
228 100

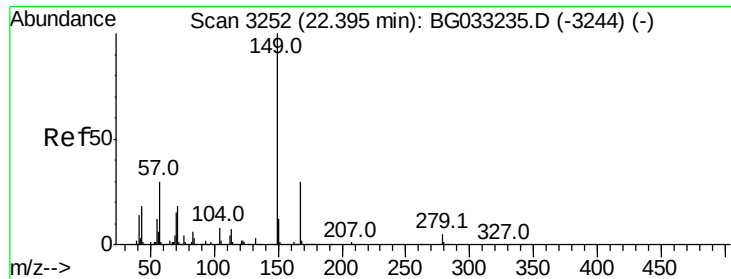
226 31.8 24.9 37.3

229 20.0 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.390 ng

RT: 22.35 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

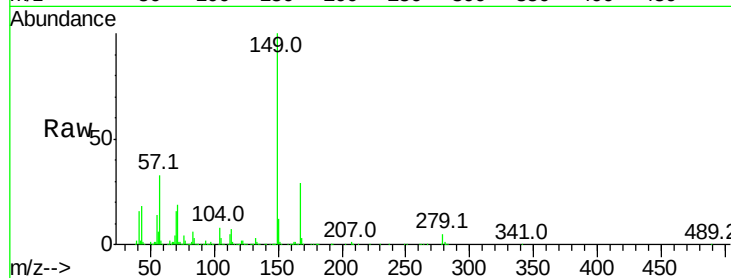
Tot Ion:149 Resp: 491849

Ion Ratio Lower Upper

149 100

167 29.1 24.3 36.5

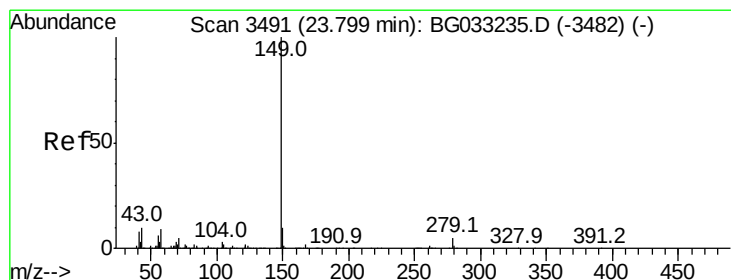
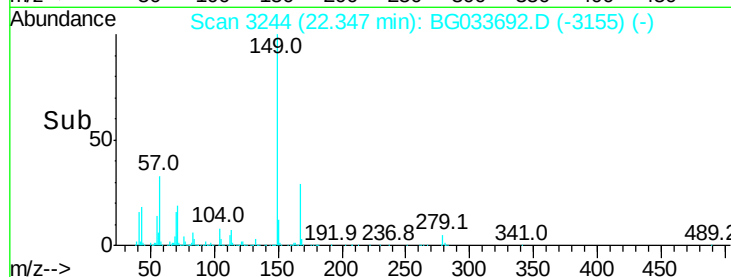
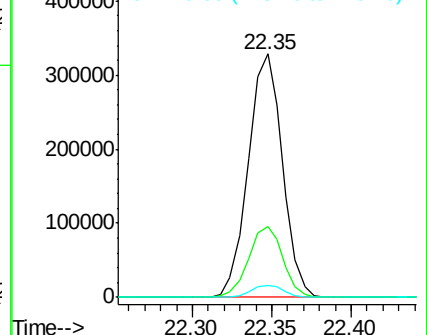
279 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.859 ng

RT: 23.74 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

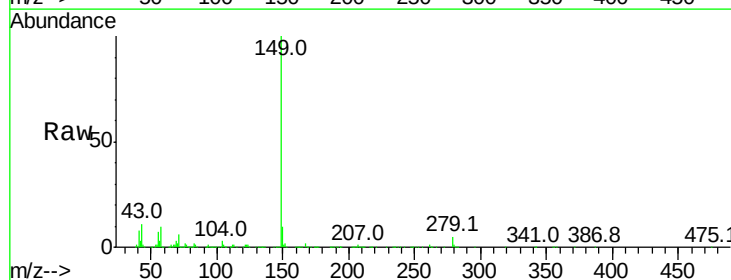
Tgt Ion:149 Resp: 845852

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

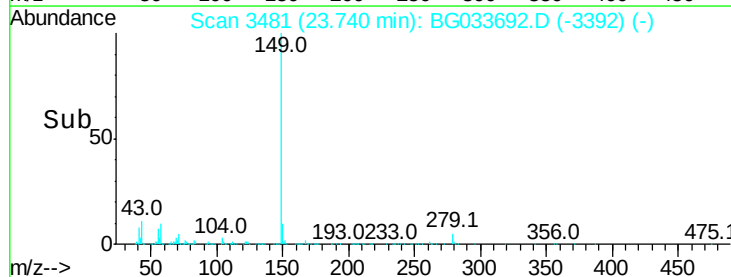
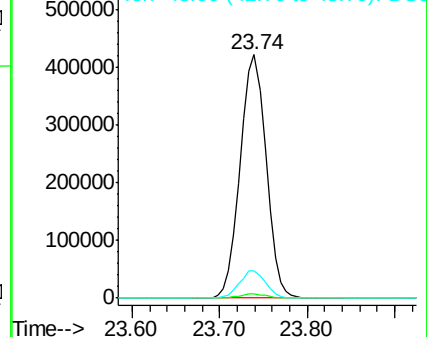
43 11.2 8.9 13.3

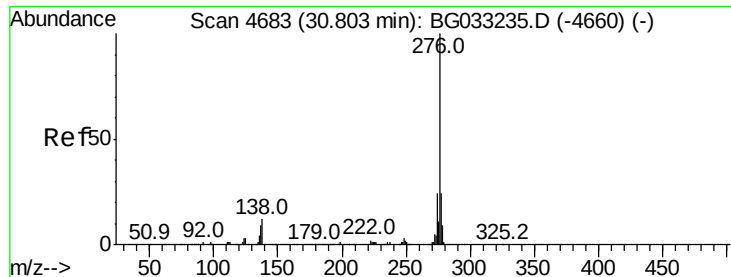


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.230 ng

RT: 30.68 min Scan# 4663

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

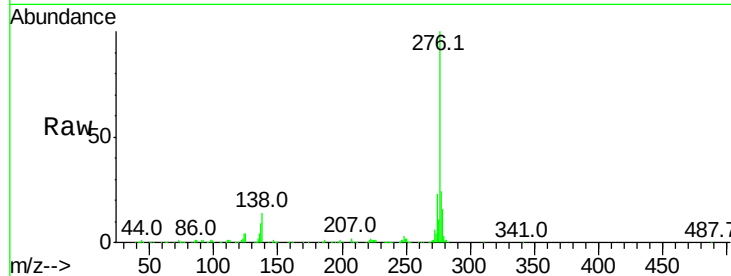
Tot Ion:276 Resp: 962648

Ion Ratio Lower Upper

276 100

138 12.2 16.0 24.0#

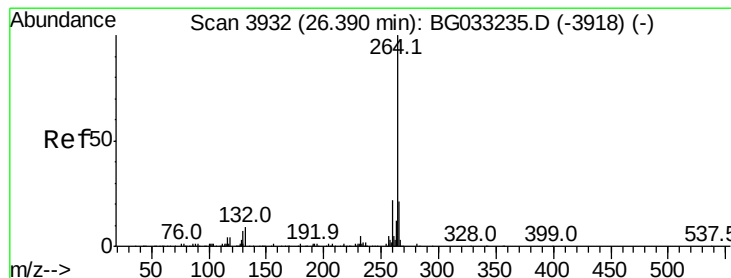
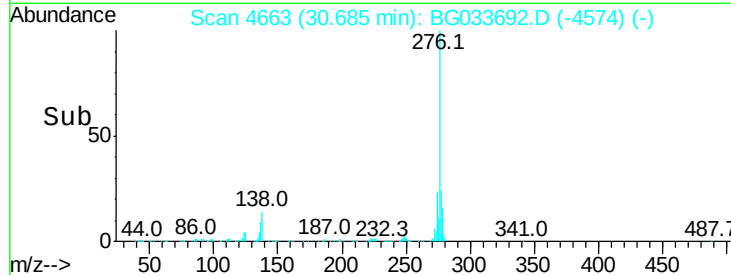
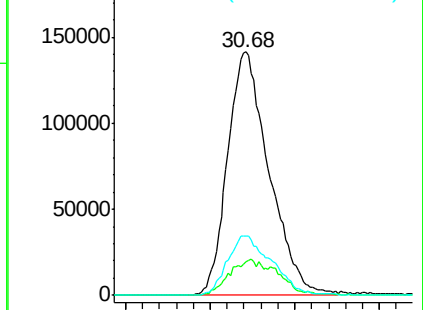
277 0.0 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3918

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

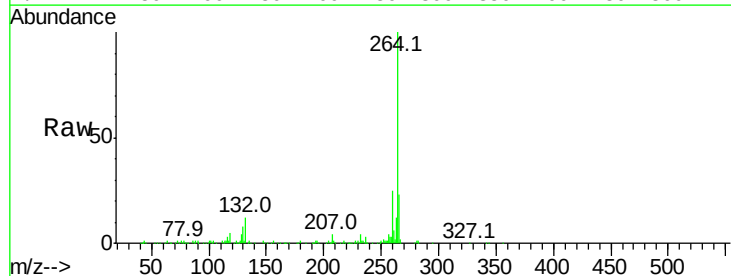
Tgt Ion:264 Resp: 348828

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

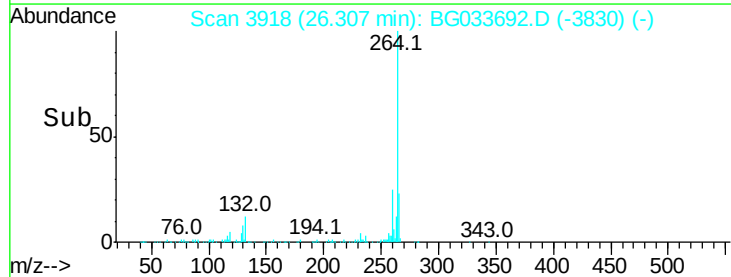
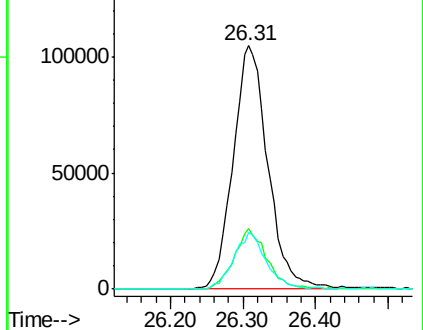
265 23.4 17.7 26.5

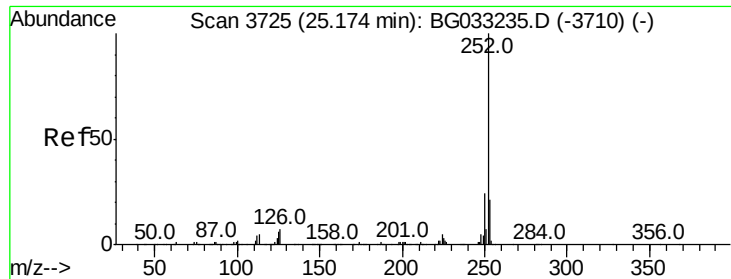


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.473 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.00 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

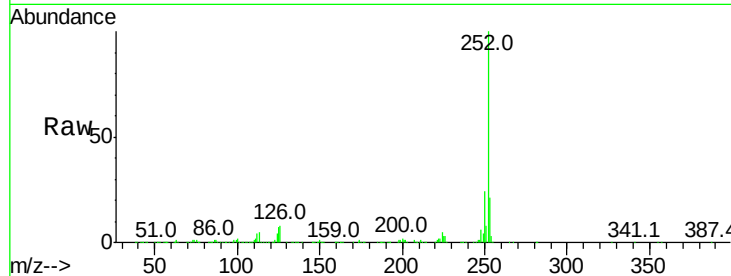
Tot Ion:252 Resp: 835820

Ion Ratio Lower Upper

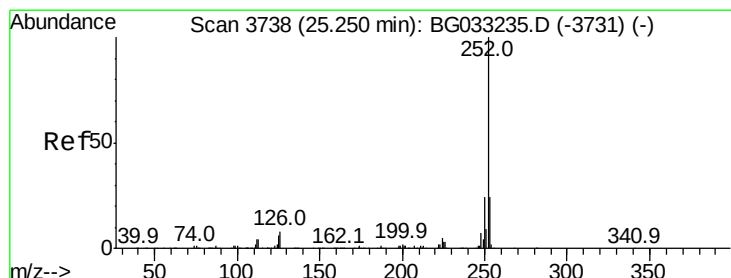
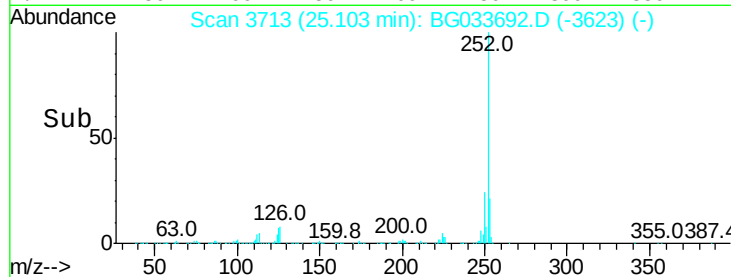
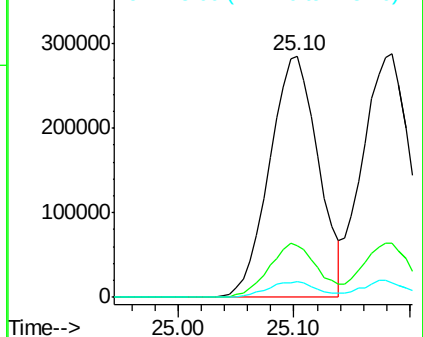
252 100

253 21.4 18.2 27.4

125 6.6 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.006 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.08 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

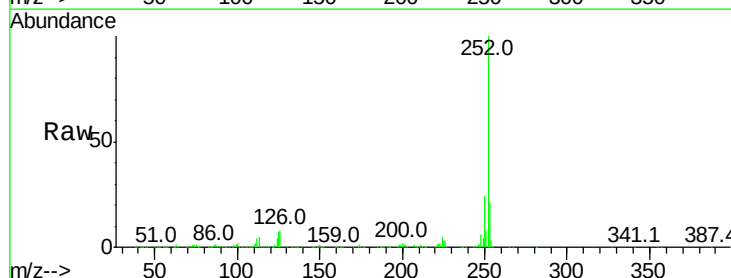
Tgt Ion:252 Resp: 835820

Ion Ratio Lower Upper

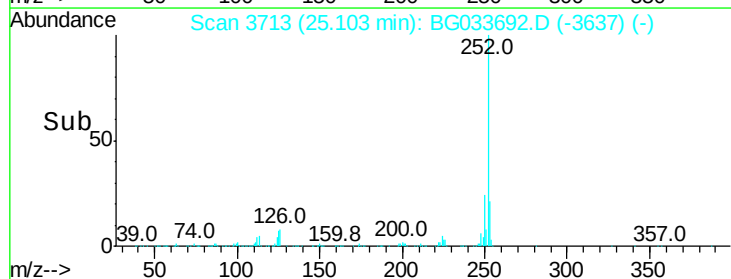
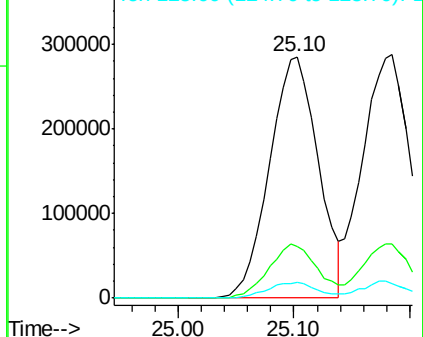
252 100

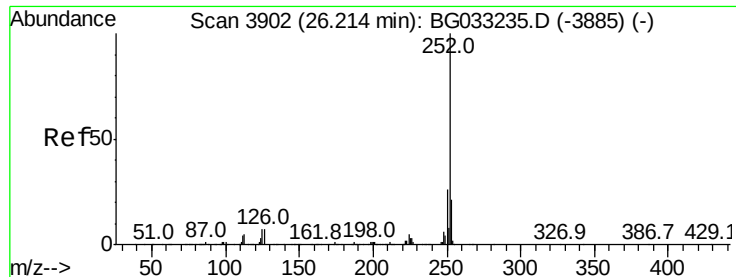
253 21.4 17.4 26.2

125 6.6 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.942 ng

RT: 26.14 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

Instrument :

BNA_G

ClientSampleId :

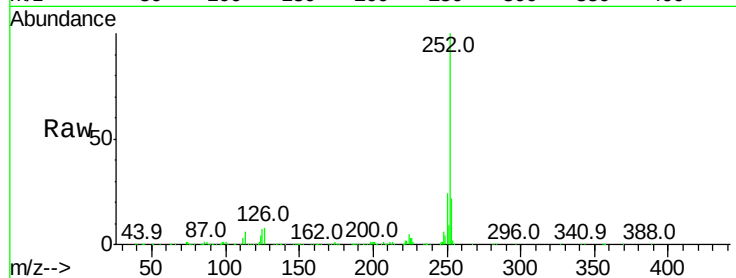
Tot Ion:252 Resp: 831098

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

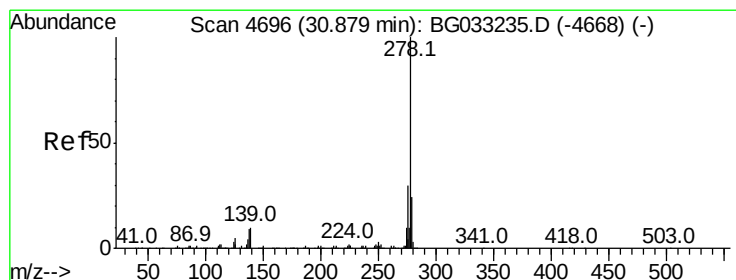
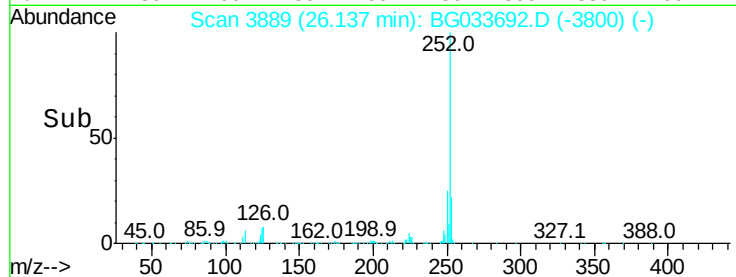
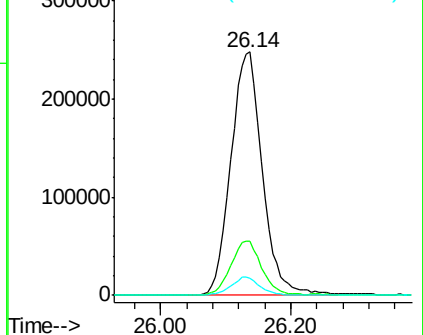
125 6.9 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.341 ng

RT: 30.75 min Scan# 4674

Delta R.T. -0.01 min

Lab File: BG033692.D

Acq: 9 Apr 2018 23:32

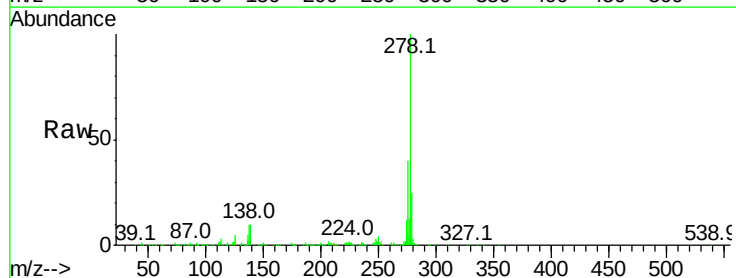
Tgt Ion:278 Resp: 808368

Ion Ratio Lower Upper

278 100

139 10.4 9.8 14.6

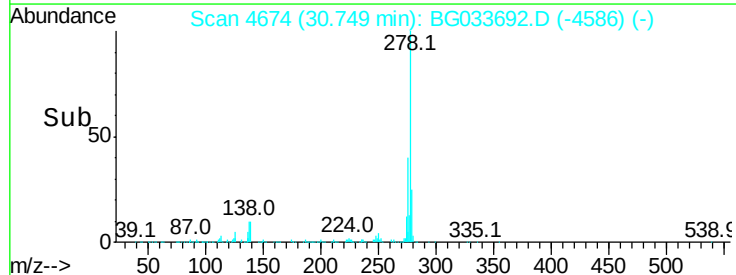
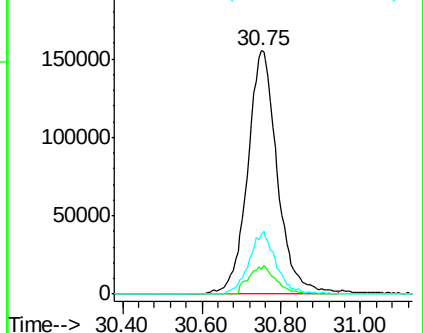
279 24.6 18.4 27.6

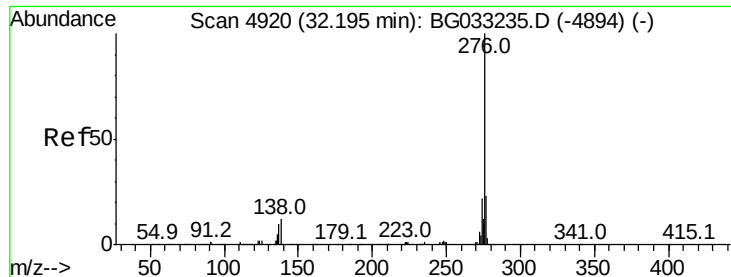


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

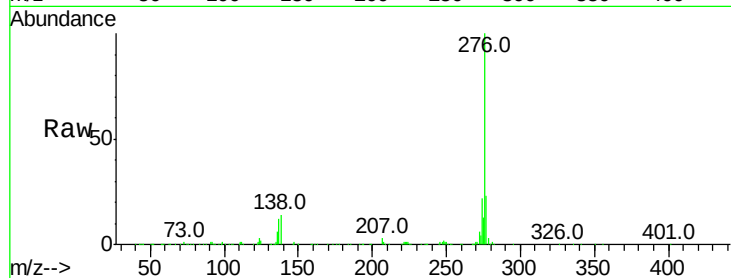




#91
 Benzo(a,h,i)perylene
 Concen: 44.906 ng
 RT: 32.05 min Scan# 4896
 Delta R.T. -0.02 min
 Lab File: BG033692.D
 Acq: 9 Apr 2018 23:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.3	27.5
138	14.0	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

